

Figure 2.6: Distance of villages from district center (Km)

2.5 Abandoned Villages

There are a total of 23 abandoned villages in Azra district. These villages are located at a distance of 2.5 to 30 kms from the district center (see Table 2.7 and Appendix F).

According to information gathered by the enumerators, there are two main reasons for the abandonment of these villages: 1) intensive house destruction in those areas as compared with other parts of the district. 2) the people of those villages were livestock owners and had a semi-nomad life style, i.e. they spent the summer in their native villages and moved to warmer areas during winter.

Table 2.7: Distance of abandoned villages from district center (kms)

No. of abandoned villages	Percentage of villages in each range					
	<=5	6-10	11-15	16-20	20-25	>25
23	9	4	13	22	22	30

No. of villages surveyed: 83

2.6 Access Roads

Out of 83 villages surveyed, only 68 villages had access roads. The status of those roads was indicated as 'not graveled' (see Table 2.8 and Appendix E). No access road was reported in regard to the remaining 15 villages. 40% of such villages are located at a distance of 1 km from the access road and 13% are as far as 8-9 kms away (see Table 2.9 and Appendix E).

Table 2.8: Types of access roads to surveyed villages

No. of villages surveyed	No. of villages with access road	No. of villages replied and %							
		Asphalted		Leveled & graveled		Graveled		Not graveled	
		No.	%	No.	%	No.	%	No.	%
83	68	0	0	0	0	0	0	68	100

Table 2.9: Distance of surveyed villages from roads (kms)

No. of villages surveyed	No. of villages without road	% of villages in each range			
		<=1	2-4	5-7	8-9
83	15	40	20	27	13

2.7 Means of Transportation

63% of surveyed villages reported using motor vehicles as the main means of transportation, while 32% use donkeys for the same purpose. Horses and mules are used by 3% and 2% of surveyed villages, respectively (see Table 2.10 and Appendix E).

Table 2.10: Means of transportation used by villagers

No. of villages surveyed	Percentage of transportation means used				
	Vehicle	Horse	Donkey	Camel	Mule
	%	%	%	%	%
83	63	3	32	0	2

3. REPATRIATION

A total of 774 families were living in the surveyed area during survey time. Of this total only two families have never been refugees or internally displaced (see Table 3.1).

The total number of families in the surveyed area who have at some point in time been refugees was 2,729 with 796 families internally displaced. Of these total numbers 772 families were repatriated at survey time while 3,301 families were still refugees and 999 families were reportedly displaced. There were 9 families living in the surveyed area who were originally from other villages (see Table 3.1 and Appendix G).

Table 3.1: Refugee situation of surveyed villages

No. of villages surveyed	Number of families							
	at surveyed time	never been refugee or displaced	have ever been		have returned	still		from other villages
			refugee	displaced		refugee	displaced	
83	774	2	2729	796	772	3301	999	9

According to Table 3.1, the number of families still living as refugees is greater than the number of families shown as having been refugees at some point in the past. This discrepancy is due to the fact that many pre-war families have proliferated into several new families during the 18-year interim.

3.1 Obstacles to Return

Of 83 surveyed villages, 82 (99%) reported lack of houses as the prime problem hindering return of refugees to their native villages. The second problem reported by 79 (95%) of surveyed villages is unemployment, while the third, reported by 55 (66%) of surveyed villages, was inadequate land ownership. Abandoned arable land and damaged irrigation systems were reported by 8 (10%) and 5 (6%) of surveyed villages, respectively (see Table 3.2 and Appendix G).

Table 3.2: Main problems faced by returning refugees and displaced families

No. of villages surveyed	Number of villages replied							
	Lack of houses	Lack of food	Unempl-oyment	Security	Fighting	Abandoned arable land	Damaged irrigation system	Small land ownership
83	82	3	79	1	0	8	5	55

4. HEALTH

22% of the surveyed villages are situated at a distance of upto 4 kms from the nearest health clinic. 32% of villages are as far away as 5-8 kms, 20% are 9-12 kms and 23% are 13-16 kms away from the health clinic. Only 4% of the villages of the surveyed area were located at a distance of more than 16 kms from the health clinic (see Table 4.1 and Figure 4.1).

Table 4.1: Distance of villages from the nearest clinic (kms)

No. of villages reported	Percentage of villages in each range				
	<=4	5-8	9-12	13-16	>16
82	22	32	20	23	4

No. of villages surveyed: 83

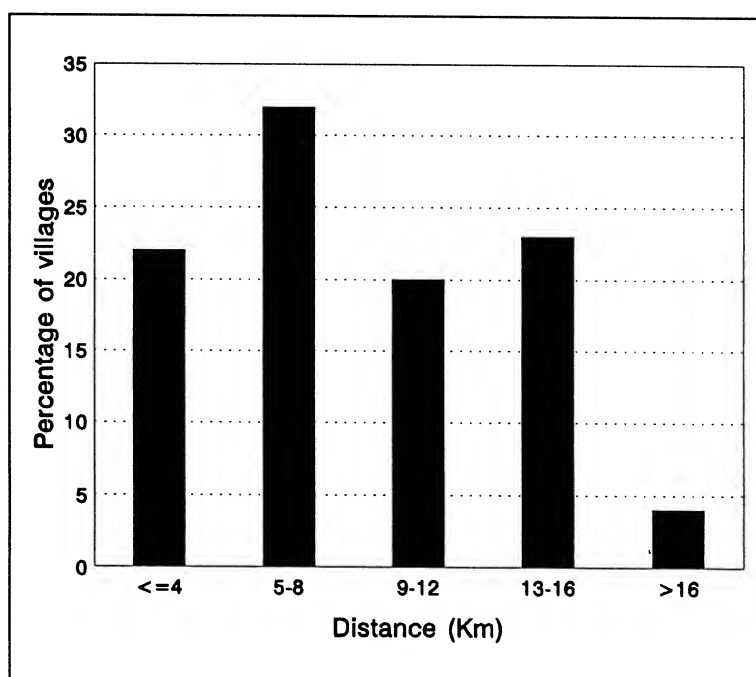


Figure 4.1: Distance of villages from the nearest clinic (Km)

In the totality of the surveyed area only one health clinic was functioning. This two-room clinic was located in Kaswal village and was funded by the Swedish Committee for Afghanistan (SCA). The clinic had one doctor, three nurses and one midwife/health worker. Another midwife/health worker was also reported in that village. A midwife/health worker was also reported in Haroon Khel/Baber village.

6 other health clinics were also reported in the surveyed area (see Table 4.2). Buildings of these clinics were under construction at the time of survey.

Table 4.2: Health clinics in surveyed villages

Main Village	Sub Village	Clinic Name	Building availability	No. of rooms	Funding source	doctors	Nurses	Midwife or health worker
Akbar Khel	Allah Khan Khel	-	*	0	-	0	0	0
Baber	Haroon Khel	-	*	0	-	0	0	1
Kaswal	-	C2	Y	2	SCA	1	3	1
Mangal	Loy Klay	Mangal	*	5	-	0	0	0
Musa Khan	Musa Khan Klay	Musa Khan Clinic	*	5	-	0	0	0
Sangi Baran	Sangi Baran	Sangi Baran	*	4	-	0	0	0
Tanga	Ragha	-	*	0	-	0	0	0

(*)building under construction.

On the basis of reports from the clinic, common adult diseases are malaria, respiratory problems, diarrhea, scabies. Most prevalent diseases among children are malaria, respiratory problems, scabies, anemia and diarrhea.

5. EDUCATION

A total of 5 schools were reported in the surveyed area; however, none of them were functioning. At the time of survey the buildings of these schools were under construction (see Table 5.1).

Table 5.1: Schools in surveyed villages

Main Village	Sub Village	School		Funding source	No. of student	No. of teachers	Building availability	No. of rooms
		Name	level					
Chotra	Amaroot	-	-	-	0	0	*	0
Mangal	Rasul Khel	-	-	-	0	0	*	0
Musa Khan	Musa Khan Klay	Musa Khan	Primary	-	0	0	*	0
Sangi Baran	Sangi Baran	Sangi Baran	-	-	0	0	*	0
Tanga	Ragha	-	-	-	0	0	*	0

(*) building under construction.

In addition to the schools there is a madrasa in Loy Kalay/Baber village. The madrasa had a total of 50 students, out of which 20 were from above mentioned villages. The madrasa is funded by incumbent government authority (see Table 5.2).

Table 5.2: Madrasa in surveyed villages

Main Village	Sub Village	Name of Madrasa	No. of students	No. of students attending from this village	Madrasa funding source
Baber	Loy Klay	Darul Uloom Ahnaf	50	20	Government

6. AGRICULTURE

6.1 Use of Cultivated Land

A total of 1,661 jeribs (332 ha) of cultivated land was reported by 69 villages in the surveyed area as being single-cropped (producing only one crop per year) while 472 jeribs (94 ha) were reported by 14 surveyed villages as being double-cropped⁵ (see Table 6.1 and Appendix H).

Table 6.1: Use of cultivated land

Type of land used	No. of villages reported	% of the surveyed villages	acreage of cultivated land(jerib)	% of cultivated land
Single cropped	69	83	1661 (332 ha)	78
Double cropped	14	17	472 (94 ha)	22

No. of villages surveyed: 83

6.2 Agricultural Land

There are approximately 4,604 jeribs (921 ha) of arable land in the Azra district. Of this total, 3,569 jeribs (714 ha) are irrigated and 1,035 jeribs (207 ha) rainfed. A total of 2,133 jeribs (417 hectares irrigated and 10 hectares rainfed) were cultivated in 1997 while 2,471 jeribs (297 hectares irrigated and 197 hectares rainfed) land is left abandoned (see Table 6.2, Figure 6.1 and Appendix H).

Table 6.2: Acreage of arable, cultivated and abandoned land

No. of villages surveyed	Arable land						Cultivated land						Abandoned land					
	Total jeribs	Irrigated		Rainfed			Total jeribs	Irrigated		Rainfed			Total jeribs	Irrigated		Rainfed		
		Jrb.	%	Jrb.	%			Jrb.	%	Jrb.	%			Jrb.	%	Jrb.	%	
83	4604	3569	78	1035	22		2133	2085	98	48	2		2471	1484	60	987	40	

⁵. Double cropped land is land which grows two crops in one year on the same land. Farmers who plant wheat in autumn, harvest the crop in summer and then plant a summer crop such as maize, beans, mungbean etc. on the same land. This practice is common only in warm areas of Afghanistan where growing season is long enough to harvest two crops in one year.

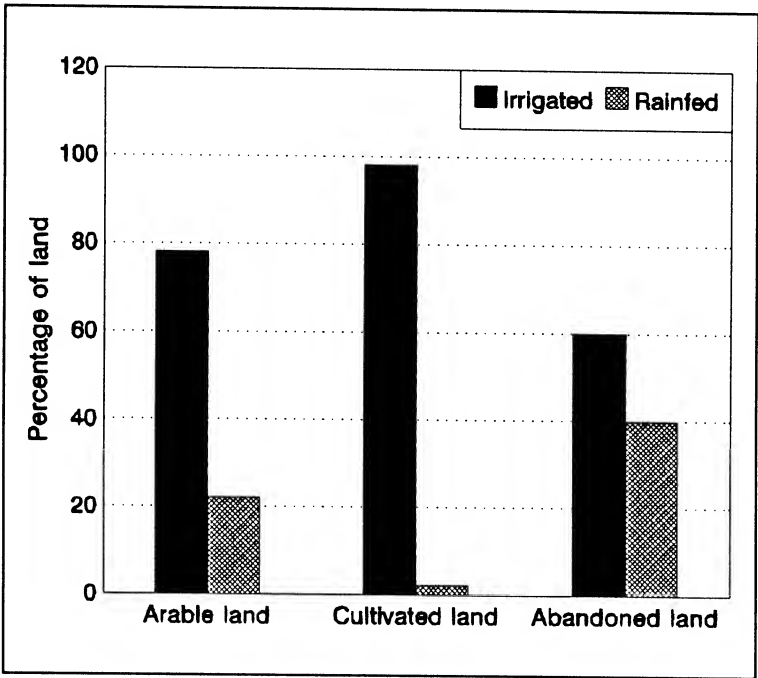


Figure 6.1: Agricultural land

6.3 Reasons for Land Abandonment

The first reason for abandonment of agricultural land in the surveyed area is lack of farm power reported by 61 surveyed villages. The second reason reported by 55 surveyed villages is land damage due to floods and the third reason reported by 15 villages is shortage of irrigation water. Damaged canals was cited by only 6 surveyed villages as reason for abandonment of arable lands (see Table 6.3 and Appendix H).

Table 6.3: Main reasons for abandonment of agricultural land

No. of villages surveyed	Number of villages replied							
	Mines	Shortage of irrigation water	Lack of farm power	Absence of land owner	Canal damaged	Land damaged by flood	Lack of seed and fertilizer	Reservoir destroyed
83	0	15	61	1	6	55	1	1

6.4 Orchards and Fruit Nurseries

Of 83 surveyed villages, 63 villages reported that they had orchards on a total of 207 jeribs (41 ha) of land. Furthermore, there are 17 fruit nurseries reported by nine surveyed villages. The total area under fruit nurseries was reported to be 4 jeribs or about one hectare (see Table 6.4 and Appendix I)

Table 6.4: Acreage of orchards and fruit nurseries

No. of villages surveyed	Orchard		Fruit nursery		
	No. of villages reported	Acreage of orchards (jeribs)	No. of villages reported	Number of nurseries	Acreage of nurseries (jeribs)
83	63	207	9	17	4

6.5 Crops Grown and Yield

The main cereal crop in the surveyed area is irrigated wheat grown in 79 surveyed villages with an average yield of 59 seer/jerib (2,065 kgs/ha). Rainfed wheat is grown in only 7 villages with a reported average yield of 30 seers/jerib (1,050 kgs/ha). Maize is grown in 76 villages with an average yield of 66 seer/jerib or 2,310 kgs/ha (see Table 6.5).

Potatoes are grown in 66 villages and onions in 37, with average yields of 334 and 303 seers/jerib, respectively.

The main fruits in the surveyed area are walnuts and apricots grown by 67 and 59 villages, respectively. Average apricot yields are 13 seers/tree, walnuts 8 seers/tree. Cultivation of apples and grapes was reported by only 6 and 2 surveyed villages in that order (see Table 6.5).

Table 6.5: Crops grown by farmers

Name of crops grown	No. of villages growing	Average yield seer/jerib	Average yield kg/hectare	Name of fruit grown	No. of villages growing	Average yield seer/tree	Average yield kg/tree
Irrigated wheat	79	59	2065	Apple	6	11	77
Rainfed wheat	7	30	1050	Apricot	59	13	91
Maize	76	66	2310	Grape	2	15	105
Onion	37	303	10605	Walnut	67	8	56
Potato	66	334	11690				

No. of villages surveyed: 83

6.6 Products for Marketing

The main marketable products in the area are walnuts, pinenuts, potatoes, onions, firewood and construction wood. Animals such as goats and sheep are also raised for the market. None of the surveyed villages reported surplus cereals or pulses for sale (see Appendix J).

6.7 Farm Power

There were a total of 138 oxen, 8 tractors and 6 threshers in the whole surveyed area (see Table 6.6 and Appendix K).

Table 6.6: Farm power ownership

No. of villages surveyed	Number of farm power		
	Oxen	Tractor	Thresher
83	138	8	6

6.8 Improved Seeds

Of 83 surveyed villages, 54 (65%) reported having sown improved wheat seed. The name of improved seed varieties cited by villagers were: Attay-85, HD 2285, Inqelab-91, Pir Sabak 85, and Pamir-94. The average seeding rate was reported 5 seers/jerib or 175 kgs/ha (see Table 6.7 and Appendix K). Growing of improved maize seed was not reported in any part of the surveyed area.

Table 6.7: Use of improved seed in the surveyed villages

Crops	No. of villages reported	% of villages reported	Average seeding rate seer/jerib	Name of varieties
Wheat	54	65	5	Attay-85 HD2285 Inqelab-91 PS-85 Pamir-94
No. of villages surveyed: 83				

1. INTRODUCTION

1.1 Description of the Survey Area

A map of the surveyed area with approximate boundaries shows a total area of approximately 770 square kilometers (Appendix A). Azra district is bound in the north by Hesarak district (Nangarhar), in the east by Sherzad district (Nangarhar), in the northwest by Mohammad Agha district (Logar), in the southwest by Khoshi district (Logar) and in the south by Jaji district (Paktia).¹ It is a mountainous area where 30% of the mountains are still forested, though this situation may be rapidly changing.²

Azra district is located at 34:13'00" latitude and 69:39'00" longitude. Its elevation from the sea level is about 3,671 meters, and the area remains relatively cooler than other parts of Logar during the summer season.

According to the Central Statistics Office (CSO), adjusted population of the area in 1979 was 12,655 and population projected for 1990 was 13,458. Nomads/allocated population was 13,730.³ Based on UNIDATA 1991, total population was 16,670 of which 14,497 were refugees in Pakistan and 2,173 were reported to be inside the country.⁴

Based on UNHCR Background Report 1989, the irrigation system is mainly stream-based and the land is the richest in the province because plentiful water is available from the two mountains of Speen Ghar (White mountain) and Lata Kora. The creeks of Speen Ghar irrigate the southeastern portion on the district and those of Lata Kora, the northwest. Only 10-15% of the district is rainfed.

1.2 Objectives

The efforts in this survey have mainly been targeted to villages with regard to population and repatriation, market accessibility, access to drinking and irrigation water, health and education facilities, land mines, agricultural land and crop raising, livestock and poultry, and income generating activities. The specific objectives are as follows:

- To determine the number of families, housing status, access roads, transportation and drinking water sources in the surveyed area.

¹. Adamec, Ludwig W., *Historical and Political Gazetteer of Afghanistan, Kabul and Southeast Afghanistan*, Vol. 6, Akademische Druck-u. Verlagsanstalt, Graz, Austria, 1985.

². UNHCR Background Report, *Logar Province*, 1989.

³. Eighmy, T.H., *Afghanistan's Population Inside and Out*, 1990.

⁴. UNIDATA (1991), *AFGHANISTAN, POPULATION ESTIMATES, By Province, District, and Sub-district: A GRAPHIC PRESENTATION*.

6.9 Chemical Fertilizer

Farmers from 79 villages in the surveyed area (95%) used chemical fertilizer on their crops. The main chemical fertilizer used was cited as DAP, nitrophas and urea (see Table 6.8 and Appendix K). The application of agrochemicals was not reported in the whole surveyed area.

Table 6.8: Use of chemical fertilizers in surveyed villages

Name of input	No. of villages reported	% of villages reported	Type of fertilizer
Fertilizer	79	95	DAP Nitrophas Urea

No. of villages surveyed: 83

7. ILLICIT CROP PRODUCTION

7.1 Hashish (Cannabis)

The main illicit crop grown in 20 villages in the surveyed area was hashish. Total acreage under hashish in 1997 was reported to be 323 jeribs (excluding abandoned villages) with an average yield of 16 kg/jerib. The total number hashish addicts in the surveyed area was reported to be only 8 people (see Table 7.1 and Appendix L).

Table 7.1: Illicit crop production in surveyed villages

Illicit crop	No. of villages reported	Total acreage		Average yield		No. of people used it
		jerib	hectare	kg/jerib	kg/hectare	
Opium poppy	4	29	6	0	0	0
Hashish	20	323	65	16	80	8

No. of villages surveyed: 83

Major reasons for growing illicit crop	No. of villages replied
More income	23
Less expenses	6
Less work	8
Land owner still refugee	1
Low water requirement	4
Small land ownership	1

In 23 abandoned villages (for names see Appendix F), arable land was reported to be mainly used for hashish cultivation, but no one could be found to provide information about acreage and yield. The crop was harvested before being surveyed. Land owners in abandoned villages or their sharecroppers come to the area during crop growing season and plant hashish on their land in preference over other crops, usually because their families are not in the area and they do not have to produce cereals for them. After harvesting the hashish, they return back to their families who mainly live in Pakistan.

7.2 Opium Poppy

An illicit crop newly introduced to area (grown for the first time in autumn 1997) is opium poppy. It was grown in 4 villages on a total of 29 jeribs. No yield data was available and no drug addict was reported in the surveyed area.

The main reasons cited by villagers for growing this new illicit crop was increased income (cited by 23 villages), less work (8 villages), less expenses (6 villages), low water requirement (4 villages), land owner still refugee (1 village) and small land ownership (1 village).

8. LIVESTOCK AND POULTRY

8.1 Cattle

The total number of cattle (excluding oxen) in 78 surveyed villages was 1,275 with an average 16 heads of cattle per village (see Table 8.1 and Appendix M).

Table 8.1: Livestock ownership

Livestock	No. of villages reported	Total number	Average number/village
Cattle	78	1275	16
Sheep/goats	78	13775	177
Camels	2	3	2

No. of villages surveyed: 83

8.2 Sheep and Goats

The raising of sheep and goats was reported in 78 villages. The total number of sheep and goats was 13,775; average 177 sheep and goats per village.

8.3 Camels

A total of 3 camels were reported in only 2 surveyed villages.

8.4 Poultry

Poultry was reported in 81 surveyed villages. There was an average of 10 chickens/family in the surveyed area, out of which 4% consisted of improved breed of chicken. The survey showed that each family in the surveyed area was ready to raise and buy an average of 10 improved breed of chicken, if available. Only one village in the surveyed area, Noghluk/Tanga, mentioned lack of chicken feed, difficult accessibility and lack of marketing as problems in the way of raising improved chicken breed (see Table 8.2 and Appendix M).

Table 8.2: Poultry ownership in surveyed villages

No. of villages surveyed	No. of villages reported	Average No. of chicken /family	% of Imp. breed of chicken in village	Imp. breed of chicken willingness /family
83	81	10	4	10

Problems in raising improved chicken	No. of villages replied
Lack of chicken feed	1
Road problem	1
No marketing	1

9. IRRIGATION

9.1 Canal/Stream⁶

75 villages in the surveyed area reported 87% of their agricultural land being irrigated by canals/streams. 5 villages cited the flow status of their canal/stream as normal, while 70 villages indicated inadequate/abnormal flow (see Table 9.1 and Appendix N1).

Table 9.1: Irrigation water sources in surveyed villages

Irrigation water sources	No. of villages reported	% of land irrigated by	Flow status cited by villagers as	
			normal	abnormal
Canal/stream	75	87	5	70
Karez	2	0	0	2
Spring	21	13	–	–
Wells	0	0	–	–

No. of villages surveyed: 83

Activities need for normal operation	No. of villages replied
Canal/stream	
Canal cleaning	18
Repairing of related structures	56
Construction of diversion dam	43
Construction of aqueduct	8
Construction of syphon	8
Karez	
Cleaning of karez channel	1
Cleaning of karez wells	1
Extension of karez channel	1
Construction of reservoir	1

Activities proposed necessary for normal flow of canals/streams were: repairing of related structures (56 replies), construction of diversion dams (43 replies), canal cleaning (18 replies), construction of syphons and construction of aqueducts (8 replies each).

⁶. The reference point of the survey is the village and not the irrigation system (canal, karez or spring) which may pass through or serve more than one village. Due to this fact the number of canals and springs reported seems too high. Besides, upstream and downstream villages may report different percentages of potential flow for the same canal, karez or spring, reflecting their past experience and differences between flows reaching users at different points on the canal or karez system.

9.2 Karez⁷

Only two villages in the surveyed area reported abnormal karez water flow. Cleaning of karez channels, cleaning of karez wells, extension of karez channels and construction of reservoirs were measures proposed to increase water flow (see Table 9.1 and Appendix N2).

9.3 Springs

21 surveyed villages reported 13% of their land as irrigated by springs. The flow status of springs was not specified (see Table 9.1 and Appendix N3). Wells as irrigation systems were not reported in the surveyed area.

9.4 Irrigation Water Sufficiency

72% of surveyed villages cited adequate and 28% inadequate amounts of water in their irrigation system. Where inadequate, the existing amounts of water was cited to meet 62% of their irrigation requirements (see Table 9.2).

Table 9.2: Irrigation water sufficiency in surveyed villages

No. of villages surveyed	% of villages where irrigation water is		% of land for which existed water is enough
	enough	not enough	
83	72	28	62

9.5 Irrigation Water Shortage

The period of irrigation water shortage in the surveyed area was reported to begin in June and continue until November. The length of this period was different depending on the location of surveyed villages, (see Appendices N1-N3).

The main reasons for irrigation water shortage cited by villager were: reduction of water flow (17 replies), penetration in the stream bed (10 replies), and lack of reservoir replied by 4 villages (see Table 9.3 and Appendices N1-N3).

⁷. Subterranean canal in which a horizontal shaft from the surface is dug toward the ground-water supply (aquifer). The essentially horizontal shaft serves as a conveyance channel and can sometimes continue for up to 20 t or 30 kms to the surface of the ground-water supply. Approximately every 20 to 50 meters, depending upon the depth, a vertical shaft (well) is dug directly down to the tunnel through which earth is removed and air, food, and general access provided to the diggers.

Table 9.3: Main reasons for irrigation water shortage

Reasons	No. of villages replied
Reduction of water flow	17
Lack of reservoir	4
Penetration in the stream bed	10

10. INCOME GENERATION

Seven villages (8%) in the whole surveyed area reported that they were involved in beekeeping activities. The total number of families involved was reported 17. Other income generating activities such as fishing and silkworm raising was not reported in the whole surveyed area (see Table 10.1).

Table 10.1: Income generation in the surveyed villages

Activities	Villages reported		Number of Families involved
	Number	Percentage	
Beekeeping	7	8	17
Fishing	0	0	0
Silkworms	0	0	0
No. of villages surveyed: 83			

11. LAND MINES

A total of 14 (17%) surveyed villages reported that there were mine fields in or around their villages. A total of 11 people died and 9 persons were disabled by mines during the last three years. 108 animals were also killed by mines in the surveyed area (see Table 11.1 and Appendix O)

The location of mines were reported mainly in forests near villages (8 replies), in grazing land (pastures) near villages (3 replies), in houses (2 replies), and in agricultural land, irrigation systems, graveyards, and in former Mujahidden bases (1 reply each).

Table 11.1: Land mines in the surveyed villages

No. of villages surveyed	No. of villages reported	Victims during last 3 years		
		No. of people died	No. of people disabled	No. of animals killed
83	14	11	9	108

Location of mines in the surveyed area	No. of villages replied
In houses	2
In agricultural land	1
In irrigation system	1
In forest near village	8
In grazing land near village	3
Graveyard	1
In former Mujahideen base	1

12. MARKET AND MARKET PRICES

There were a total of 28 shops scattered in the whole surveyed area. The main newly established bazaar with 12 shops is located in Kuza Qala/Baber near the district center. The majority of shops were cited to be general stores which provide essential daily items (see Table 12.1 and for market prices see Appendix P).

Table 12.1: Availability of shops in the surveyed villages

Main village	Sub village	No. of shops	Type of shops			
			General stores	Rest house	Tailor	Wood selling
Baber	Kuza Qala	12	√	-	-	-
Chotra	Asphano Kas	2	√	√	-	-
Mangal	Loy Klay	1	√	-	-	-
Mangal	Rasul Khel	3	√	-	√	-
Marouf Khel	Shegai	1	√	-	-	-
Sangi Baran	Sangi Baran	7	√	√	-	√
Speen Jomat	Ada Klay	1	√	-	-	-
Tanga	Ragha	1	√	-	-	-

- To specify the status of repatriation and assess the main problems of the returning refugees.
- To provide information on health facilities, number of health centres and number of health workers.
- To provide information about educational institutions, number of students and teachers.
- To determine the acreage of arable land, crops grown, yield and agricultural inputs by villagers.
- To find the real acreage of illicit crops grown in the area and the reasons why local people cultivate such crops.
- To assess the number of livestock and poultry raised in the area.
- To provide information about the number and status of irrigation water sources and ways to improve them.
- To assess the situation of income generating activities such as bee keeping, fishing and silkworms raising in the area.
- To assess the existence of land mines, their location and number of mine victims.
- To provide information about status of the market, types of shops, availability of daily items and their costs.

1.3 Survey Method

A survey questionnaire covering questions related to relevant aspects of village situation was prepared (see Appendix B). All questions were discussed with the surveyors during training.

A group of 4 enumerators and one field coordinator with adequate survey experience took part in training and conducting of the field survey. One survey team, consisting of two enumerators and two local guides worked in each of the target districts (Azra and Sarobi).

Almost all villages in Azra district were covered. Each village was counted as a survey site. In order to obtain more accurate information, a village with many houses was divided into two or more sub-villages. A village having few houses was added with another village.

13. APPENDICES

APPENDIX A

MAP OF THE SURVEYED AREA AND NAME OF THE SURVEYED VILLAGES

**Appendix A: Name and map number of the surveyed
villages in Azra district/Logar**

S/N	Main Village	Sub Village	Map No.
1	Akbar Khel	Allah Khan Khel	49
2	Akbar Khel	Aman Khel	51
3	Akbar Khel	Hamza Khel	81
4	Akbar Khel	Khoram Khel	47
5	Akbar Khel	Namdar Khel	79
6	Akbar Khel	Nasrat Khel	78
7	Akbar Khel	Nazar Khel	48
8	Akbar Khel	Nor Khan Khel	50
9	Akbar Khel	Saleh Khel	77
10	Akbar Khel	Tanga Usof	46
11	Akbar Khel	Toori Khel	80
12	Baber	Haroon Khel	54
13	Baber	Kerery	92
14	Baber	Khoshal Khel	82
15	Baber	Kuza Qala	93
16	Baber	Loy Klay	88
17	Baber	Ragha	91
18	Baber	Salem Khel	53
19	Baber	Sofyan	89
20	Baber	Sur Kas	90
21	Chotra	Akor Khel	33
22	Chotra	Amaroot	16
23	Chotra	Angur Kunj	40
24	Chotra	Arkh Klay	41
25	Chotra	Asphano Kas	32
26	Chotra	Baghcha	39
27	Chotra	Fateh Khel	36
28	Chotra	Gatta	31
29	Chotra	Jalak Shaikhan	34
30	Chotra	Jawara Shaikhan	35
31	Chotra	Kanzar Klay	42
32	Chotra	Kuza Chotra	37
33	Chotra	Loy Kunj	44
34	Chotra	Mullayan	19
35	Chotra	Nawa Kunj	43
36	Chotra	Shahidan	45
37	Chotra	Sunsy	38
38	Dadi Khel	Dadi Khel	10
39	Dadi Khel	Dagyan	8
40	Dadi Khel	Faqir Khel	9

**Appendix A: Name and map number of the surveyed
villages in Azra district/Logar (Cont...)**

S/N	Main Village	Sub Village	Map No.
81	Sangi Baran	Kassona	65
82	Sangi Baran	Lwar Mela	67
83	Sangi Baran	Nawo Naw	64
84	Sangi Baran	Sangi Baran	63
85	Sangi Baran	Watch Algad	66
86	Sar Kay	Sar Kay	106
87	Shahin	Shahin	76
88	Speen Jomat	Ada Klay	57
89	Speen Jomat	Jawaro Naw	56
90	Speen Jomat	Kharchatal	58
91	Speen Jomat	Nakhtar Naw	59
92	Speen Jomat	Obakhta Naw	55
93	Speen Jomat	Sadel Naw	61
94	Speen Jomat	Satak Naw	60
95	Speen Jomat	Tanga	62
96	Tanga	Jano Kunj	18
97	Tanga	Noghluk	22
98	Tanga	Ragha	23
99	Tanga	Seray Khowla	20
100	Tanga	Soor Naw	28
101	Wacha Margha	Wacha Margha	104
102	Zaman Khel	Zaman Khel	101
103	Zandi Khel	Zandi Khel	72
104	Zargana	Gul Khan Klay	87
105	Zargana	Mulla Treen	85
106	Zargana	Uzbakyan	86

APPENDIX B

SURVEY QUESTIONNAIRE

UNOPS/ACBAR BASELINE SURVEY IN KABUL AND LOGAR PROVINCES
NOVEMBER-DECEMBER, 1997

=====

Date: _____	Province: _____
Enumerator's code: _____	District : _____
Number of Interviewees _____	Main village: _____
in the group: _____	Sub_village: _____

ALL QUESTIONS ABOUT THE VILLAGE:

I. GENERAL:

A. Specification of the village:

1. Distance from the district center _____ km
2. Ethnic groups living in the village by percentage;
 - a. _____ = _____ %
 - b. _____ = _____ %
 - c. _____ = _____ %
 - d. _____ = _____ %

B. No. of families:

1. Total No. of families in the village now. _____
2. Average No. of people in the family now. _____
3. Is there any nomads families living close to the village now?
Yes _____ No _____
If yes, how many families are they? _____

C. No. of houses:

1. Total No. of houses in the village. _____
- 1.1. No. of undamaged houses in the village now. _____
- 1.2. No. of damaged houses in the village now. _____
- 1.3. No. of destroyed houses in the village now. _____

D. Drinking water sources:

1. What is the drinking water source of the village? List them by the percentage used;
 1. _____ = _____ %
 2. _____ = _____ %
 3. _____ = _____ %

a. River	d. Spring	g. Pond
b. Canal/Joy	e. Open well	c. Karez
f. Covered well		
2. How far is the mostly used drinking water source from the village? _____ km

E. Access road to the village:

1. Is there access road to the village? Yes _____ No _____
2. If yes, which type of road: _____
 - a. Asphalted
 - b. Leveled and graveled
 - c. Graveled
 - d. Not graveled
3. If no, how far is the village from the road? _____ km.

F. Transportation:

1. What kind of transportation is used by villagers? List them by the % used.
 1. _____ = _____ %
 2. _____ = _____ %
 3. _____ = _____ %
 - a. Vehicles
 - b. Horses
 - c. Donkeys
 - d. Camels

G. Availability of daily used items in the village:

1. Is there any shop available in the village? Yes _____ No _____
2. If yes, how many shops are there? _____
3. Which kind of shops are they? _____
 1. _____
 2. _____
 3. _____
 4. _____

II. REPATRIATION:

1. How many families of the village have ever been refugees or internally displaced? Refugee _____; displaced _____
2. How many families are there in the village that they have returned? _____
3. How many families of this village are still living as refugees in Pakistan or other countries? _____
4. How many families of this village are displaced and living in other parts of the country? _____
5. What are the main problems in returning of the refugee or displaced families of this village?
 1. _____
 2. _____
 3. _____
 4. _____
 - a. Lack of houses
 - b. Lack of food
 - c. Unemployment
 - d. Security
 - e. Fighting
 - f. Abandoned arable land
 - g. Damaged irrigation system
 - h. Other (specify) _____
6. How many families of the village are not originally from this village? _____

III. HEALTH:

(These questions should be asked from clinic's incharge)

1. Is there any clinic in the village? Yes _____ No _____
- 1.1. If yes, clinic's name? _____
- 1.2. Does the clinic have any building? Yes _____ No _____
- 1.3. If yes, what type of construction does it have? _____
a. Mud b. Concrete c. Mixed
- 1.4. Number of rooms of the clinic building? _____
- 1.5. Who provides fund for the clinic? _____
a. Government b. NGO (name) c. UN agency (name)
d. Community e. Other (specify) _____
- 1.6. No. of doctor(s) in the clinic _____
- 1.7. No. of nurse(s) in the clinic _____
2. What kind of diseases are common there among the adults of the village?
1. _____ 2. _____ 3. _____ 4. _____
3. What kind of diseases are common there among the children of the village?
1. _____ 2. _____ 3. _____ 4. _____
4. If there is no clinic in the village, how far is the nearest clinic to this village? _____ km.
5. Is there any trained midwife (s) or medical health worker (s) available in the village? Yes _____ No _____
- 5.1. If yes, how many ? _____

IV. LAND MINES:

1. Is there any mined area in/or surrounded areas of the village?
Yes _____ No _____
- 1.1. If yes, in which areas;
1. _____ 2. _____ 3. _____ 4. _____
a. In the houses b. In the roads c. In the agricultural land
d. In the irri. system e. In the forest near to the village
f. In the grazing land near to the village
g. Other (specify) _____

2. How many people died in the village by mine explosion during the last three years? _____
3. How many people disabled by mine explosion in the village during the last three years? _____
4. How many animals died in the village by mine explosion during the last three years? _____

V. EDUCATION:

(These questions should be asked from the headmaster of the school)

1. Is there any school in the village? Yes _____ No _____
- 1.1. If yes, what is the name of the school? _____
- 1.2. What is the level of school? _____
a. Home, b. Primary, c. Middle, d. Lycee
- 1.3. What is the sex of students? _____
a. Girls b. Boys c. Mixed
2. Total number of students in this school? _____
- 2.1. Number of; male students _____, female students _____
3. How many children of this village are attending in this school? _____
4. Total number of teachers in this school? _____
- 4.1. Number of; male teachers _____, female teachers _____
5. Who provides fund to this school?
1. _____ 2. _____ 3. _____ 4. _____
a. Government b. NGO (name) c. UN agency (name) d. Tanzeem
e. Community f. Other (specify) _____
6. Does the school have building? Yes _____ No _____
- 6.1. If yes, what type of construction is it? _____
a. Mud b. Concrete c. Mixed
- 6.2. Number of rooms in the school building? _____
7. Is there any "Madrassa" in the village? Yes. _____ No _____
- 7.1. If yes, what is the name of the Madrassa; _____
- 7.2. What is the total number of religious student in it? _____

From each village a group of 1-8 informants (village and tribal elders, landowners, and other important and knowledgeable individuals) were selected for group interviews by the surveyors. The number of people in group interviews depends on the population of the villages. People interviewed represented different walks of life in the area.

Two enumerators (surveyors) were involved in each group interview. One conducted the conversation and guided the interview process, while the other registered the answers and filled out the survey forms.

After conduction of interviews, the completed forms were checked, cross-checked and edited for possible errors. Each enumerator carried a notebook to record important information not covered in the questionnaire.

In each survey site, all questionnaire components were filled out properly and maps of each survey site were made according to specifications obtained. ACBAR Survey Unit Manager as well as Field Coordinator of ASU supervised and monitored the field work of the survey.

The field work of this survey was completed within a month (15 November to 15 December 1997). Yield data for all crops were collected from the 1997 harvest.

The mapping consultant and report writer debriefed the enumerators at the end of field work. Both the training and debriefing of the surveyors took place in Peshawar.

The results of the survey are presented on district basis. This report is structured for ease of reference, with appropriate tables and figures presented with the text and relevant lists (at village level) in Appendices.

7.3. How many religious students from this village are attending it? _____

7.4. Who provides fund to this Madrasa?

1. _____ 2. _____ 3. _____ 4. _____

a. Government b. NGO (name) c. UN agency (name) d. Tanzeem
e. Community f. Other (specify) _____

VI. AGRICULTURE:

A. Agricultural land:

1. Total Jeribs of arable land in the village. _____ Jeribs.
Irrigated _____ Jeribs Rainfed _____ Jeribs

2. Total Jeribs of arable land cultivated this year _____ Jeribs.
Irrigated _____ Jeribs Rainfed _____ Jeribs

3. Total Jeribs of arable land abandoned _____ Jeribs.
Irrigated _____ Jeribs Rainfed _____ Jeribs

3.2. Reason for abandonment _____
a. Mines b. Shortage of irr. water c. Lack of farm power
d. Other (specify) _____

4. The lands in the village cultivated: _____
a. Double crop per year, b. Single crop per year

5. Total Jeribs of orchards in the village _____ Jeribs.

6. Is there any fruit nursery/nurseries in the village?
Yes _____ No _____

6.1. If yes, how many nurseries are there? _____

6.2. Total acreage of the fruit nurseries in the village _____ J.

B. Types of crops grown:

1. What types of crops are grown by the farmers in the village,

Cereal crop	:1. _____	2. _____	3. _____	4. _____
Pulses	:1. _____	2. _____	3. _____	4. _____
Fruits	:1. _____	2. _____	3. _____	4. _____
Vegetables	:1. _____	2. _____	3. _____	4. _____
Indus. crop	:1. _____	2. _____	3. _____	4. _____
Illicit crop	:1. _____	2. _____	3. _____	4. _____
Forage crop	:1. _____	2. _____	3. _____	4. _____

C. Main crops grown and yield per Jerib:

- | | | |
|---------------------|-----------------|------------------|
| 1. Wheat: | Irrigated _____ | Seer/Jerib _____ |
| | Rainfed _____ | Seer/Jerib _____ |
| 2. Rice | _____ | Seer/Jerib _____ |
| 3. Maize | _____ | Seer/Jerib _____ |
| 4. Onion | _____ | Seer/Jerib _____ |
| 5. Potatoes | _____ | Seer/Jerib _____ |
| 6. Tomatoes | _____ | Seer/Jerib _____ |
| 7. Apple | _____ | Seer/Jerib _____ |
| 8. Apricot | _____ | Seer/Jerib _____ |
| 9. Grape | _____ | Seer/Jerib _____ |
| 10. Pomegranates | _____ | Seer/Jerib _____ |
| 11. Other (specify) | _____ | Seer/Jerib _____ |

D. What are the main products you take to the market?

Cereals:	_____	_____	_____	_____
Pulses:	_____	_____	_____	_____
Fruit:	_____	_____	_____	_____
Vegetable:	_____	_____	_____	_____
Forage:	_____	_____	_____	_____
Animals :	_____	_____	_____	_____
Crafts:	_____	_____	_____	_____
Others:	_____	_____	_____	_____

E. Farm power:

1. No. of oxen in the village owned by the villagers _____
2. No. of tractors in the village owned by the villagers _____
3. No. of threshers in the village owned by the villagers _____

F. Use of improved seed, fertilizer and agrochemicals:

1. Do the farmers in the village plant improved seeds of wheat?
Yes _____ No _____

1.1. If yes, which varieties?

1. _____ 2. _____ 3. _____ 4. _____

1.2. Rate of sowing = _____ Seer/Jerib

2. Do the farmers in the village plant improved seeds of Rice?
Yes _____ No _____

2.1. If yes, which varieties?

1. _____ 2. _____ 3. _____ 4. _____

3. Do the farmers in the village plant improved seeds of Maize?
Yes _____ No _____

3.1. If yes, which varieties?

1. _____ 2. _____ 3. _____ 4. _____

3.2. Rate of sowing = _____ Seer/Jerib

4. Do the farmers in the village use fertilizers in their fields? Yes _____ No _____

4.1. If yes, which fertilizers?

1. _____ 2. _____ 3. _____ 4. _____

5. Do the farmers in the village use agrochemicals in their fields? Yes _____ No _____

5.1. If yes, which agrochemicals?

1. _____ 2. _____ 3. _____ 4. _____

VII. ILLICIT CROP PRODUCTION:

1. Do the people in the village cultivate Opium poppy?
Yes _____ No _____

1.1. If yes, total Jeribs cultivated this year in the village?
_____ Jeribs

1.2. What is the yield per Jerib of poppy? _____ kg

2. Do the people in the village cultivate hashish?
Yes _____ No _____

2.1. If yes, total Jeribs cultivated this year in the village?
_____ Jeribs

2.2. What is the yield per Jerib of hashish? _____ kg

3. Major reasons for growing illicit crop by the villagers.

1. _____ 2. _____ 3. _____ 4. _____

4. No of drug addicts in the village? _____

5. No of people using hashish in the village? _____

VIII. LIVESTOCK AND POULTRY:

1. No. of cattle (except oxen) in the village owned by the villagers? _____

2. No. of sheep and goats in the village owned by the villagers? _____

3. No. of camels in the village owned by the villagers? _____
4. Average No. of chicken per family in the village? _____
- 4.1. What percent of the chicken in the village are improved breeds? _____%
- 4.2. Do the people in the village like improved breeds of chicken?
Yes _____ No _____
- 4.3. If yes, are they willing to buy and raise the improved breeds of chicken by there own expenditures? Yes _____ No _____
- 4.4. If yes, how many per family do they willing to buy and raise? _____
- 4.5. If no, what are the problems that they think they can not raise chicken?
1. _____ 2. _____ 3. _____ 4. _____

IX. IRRIGATION:

1. No. of irrigation water sources served the village and their percentage in irrigation of the irrigated land of the village.
- | | |
|--------------------------------|--------------------------|
| Canal/stream No. _____ (____%) | Spring No. _____ (____%) |
| Wells No. _____ (____%) | Karez No. _____ (____%) |
2. Does the water flow in canal is normal? Yes _____ No _____
- 2.1. If no, what kind of work should be done for the normal operation of the canal?
1. _____ 2. _____ 3. _____ 4. _____
- a. Canal cleaning c. Construction of diversion dam
b. Repairing of related structures d. Others (specify)
3. Does the water flow in Karez is normal? Yes _____ No _____
- 3.1. If no, what kind of work should be done for the normal operation of the karez?
1. _____ 2. _____ 3. _____ 4. _____
- a. Cleaning of Karez channel c. Extension of Karez channel
b. Cleaning of Karez wells d. Other (specify) _____
4. Is there enough water in the irrigation system for the irrigation of irrigable land of the village? Yes _____ No _____
- 4.1. If no, the present water flow is enough for how much of the irrigable land? _____%

- From _____ to _____, _____ %
 From _____ to _____, _____ %

1. _____ 2. _____ 3. _____ 4. _____

1. Is there any family in the village involved in Bee Keeping?

Yes No

1.1. If Yes, how many families in the village? _____

2. Is there any family in the village involved in Fishing and fish selling? Yes _____ No _____

2.1. If Yes, how many families in the village? _____

3. Is there any family in the village, raising silkworms?
Yes _____ No _____

3.1. If Yes, how many families in the village? _____

(These questions should be asked in the nearest market)

Market location: _____

Date: ____/____/____.

NamePrice/seer[illegible]This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper appears to be a standard notebook page or a sheet of stationery.

B. Farm input(s):

<u>Name</u>	<u>Specification</u>	<u>Price/unit</u>
Urea	_____	_____
DAP	_____	_____
Agrochemical	_____	_____
Other	_____	_____

C. Construction material:

<u>Name</u>	<u>Specification</u>	<u>Price/unit</u>
Wooden beam	_____	_____
Dastak	_____	_____
Steel beam	_____	_____
Concrete beam	_____	_____
Slabs	_____	_____
Wooden door	_____	_____
Steel door	_____	_____
Wooden window	_____	_____
Steel window	_____	_____
Other	_____	_____

D. Fuel item(s):

<u>Name</u>	<u>Specification</u>	<u>Price/kg or Liter</u>
Fire wood	_____	_____
Diesel	_____	_____
Petrol	_____	_____
Kerosine	_____	_____
Other	_____	_____

E. Other item(s):

<u>Name</u>	<u>Specification</u>	<u>Price/unit</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Note: Please draw the location of the surveyed village on the last page, besides mark the location of the village on the map provided and record further information in your notebook.

F:UNOPS.qus

APPENDICES C-Q
SURVEY RESULTS AT VILLAGE LEVEL

Appendix C: Population and housing status in the surveyed villages of Azra district/Logar

S/No.	Main village	Sub village	No. of families	Avg. No. people/family	No. of nomad families	Total No. of houses	Number of houses		
							undamaged	damaged	destroyed
1	Akbar Khel	Allah Khan Khel	8	7	0	12	5	2	5
2	Akbar Khel	Aman Khel	40	8	0	47	19	8	20
3	Akbar Khel	Hamza Khel	13	16	0	42	0	12	30
4	Akbar Khel	Khoram Khel	25	15	0	28	5	8	15
5	Akbar Khel	Namdar Khel	3	7	0	9	4	0	5
6	Akbar Khel	Nasrat Khel	2	12	0	24	1	3	20
7	Akbar Khel	Nazar Khel	21	8	0	21	0	9	12
8	Akbar Khel	Nor Khan Khel	11	7	0	17	0	5	12
9	Akbar Khel	Saleh Khel	9	10	0	26	0	11	15
10	Akbar Khel	Tanga Usof	15	8	0	16	1	10	5
11	Akbar Khel	Toori Khel	6	9	0	9	4	2	3
12	Baber	Haroon Khel	18	9	0	22	14	4	4
13	Baber	Kerery	7	11	0	53	6	14	33
14	Baber	Khoshal Khel	6	9	0	32	7	2	23
15	Baber	Kuza Qala	4	12	0	54	4	0	50
16	Baber	Loy Klay	5	6	0	98	8	0	90
17	Baber	Ragha	5	8	0	43	0	5	38
18	Baber	Salem Khel	4	10	0	24	3	10	11
19	Baber	Sur Kas	11	7	0	25	0	5	20
20	Chotra	Akor Khel	2	9	0	27	2	2	23
21	Chotra	Amaroot	3	11	0	30	0	3	27
22	Chotra	Angur Kunj	4	10	0	4	2	1	1
23	Chotra	Arkh Klay	8	12	0	28	0	13	15
24	Chotra	Asphano Kas	6	7	0	21	5	1	15
25	Chotra	Baghcha	12	10	0	19	0	12	7

Appendix C: Population and housing status in the surveyed villages of Azra district/Logar (Cont...)

S/No.	Main village	Sub village	No. of families	Avg. No. people/family	No. of nomad families	Total No. of houses	Number of houses		
							undamaged	damaged	destroyed
26	Chotra	Fateh Khel	3	8	0	14	0	3	11
27	Chotra	Gatta	6	7	0	7	3	0	4
28	Chotra	Jalak Shaikhan	7	15	0	15	8	0	7
29	Chotra	Jawara Shaikhan	8	10	0	12	2	4	6
30	Chotra	Kanzar Klay	26	10	0	26	22	3	1
31	Chotra	Kuza Chotra	16	10	0	45	7	8	30
32	Chotra	Loy Kunj	16	12	0	17	7	10	0
33	Chotra	Mullayan	2	8	0	26	1	3	22
34	Chotra	Nawa Kunj	21	9	0	21	14	2	5
35	Chotra	Shahidan	19	8	0	22	9	4	9
36	Chotra	Sunsy	5	8	0	13	1	4	8
37	Dadi Khel	Dadi Khel	10	7	0	56	8	18	30
38	Dadi Khel	Faqir Khel	3	11	0	35	2	11	22
39	Dadi Khel	Shaikhan	5	9	0	55	7	18	30
40	Darki Khel	Khowdai Dad Khel	4	8	0	20	5	5	10
41	Darki Khel	Shaikhan	12	7	0	68	8	10	50
42	Kaswal		30	8	0	100	30	32	38
43	Kharoti	Nasratyan	1	8	0	11	1	4	6
44	Mangal	Arab Khel	14	9	0	92	5	21	66
45	Mangal	Bar Klay	25	8	0	85	20	5	60
46	Mangal	Kharoti	14	8	0	38	0	8	30
47	Mangal	Loy Klay	19	10	0	78	2	31	45
48	Mangal	Rasul Khel	14	8	0	59	5	15	39
49	Mangal	Sangar Khel	7	6	0	21	2	7	12
50	Marouf Khel	Baghuk	12	8	0	65	5	30	30

Appendix C: Population and housing status in the surveyed villages of Azra district/Logar (Cont...)

S/No.	Main village	Sub village	No. of families	Avg. No. people/family	No. of nomad families	Total No. of houses	Number of houses		
							undamaged	damaged	destroyed
51	Marouf Khel	Gatta-aw-Derga	4	8	0	13	1	3	9
52	Marouf Khel	Kharapa	7	10	0	11	3	3	5
53	Marouf Khel	Kundi Khowla	8	10	0	16	4	8	4
54	Marouf Khel	Qalagai	21	8	15	33	21	2	10
55	Marouf Khel	Seray	11	7	0	52	12	18	22
56	Marouf Khel	Shegai	5	9	0	11	3	0	8
57	Marouf Khel	Tanarai	10	8	0	21	0	4	17
58	Marouf Khel	Zera	10	8	0	18	2	7	9
59	Musa Khan	Aladin	4	6	0	25	4	0	21
60	Musa Khan	Khingay	1	8	0	21	3	5	13
61	Musa Khan	Musa Khan Klay	7	10	0	60	0	20	40
62	Osman Khel	Dakhan Khel	5	12	0	52	0	5	47
63	Osman Khel	Main Khel	2	11	0	90	2	23	65
64	Osman Khel	Mati Khel	4	11	0	46	1	3	42
65	Raza Khel	Mar Khan Khel	4	7	0	48	2	6	40
66	Raza Khel	Mohabat Khel	5	10	0	60	8	7	45
67	Sangi Baran	Kassona	15	9	0	45	15	5	25
68	Sangi Baran	Lwar Mela	9	6	0	30	5	7	18
69	Sangi Baran	Nawo Naw	6	8	0	16	2	4	10
70	Sangi Baran	Sangi Baran	12	9	0	72	6	18	48
71	Sangi Baran	Watch Algad	4	10	0	46	1	10	35
72	Shahin	Shahin	1	9	0	21	1	2	18
73	Speen Jomat	Ada Klay	4	12	0	54	0	4	50
74	Speen Jomat	Jawaro Naw	5	8	0	30	0	5	25
75	Speen Jomat	Sadel Naw	3	10	0	14	5	4	5

2. GENERAL INFORMATION

It was found that there are 106 villages in Azra district, out of which 23 were abandoned. The information presented in this report mainly indicate the situation of 83 surveyed villages where people were living during the survey time.

2.1 Demography

2.1.1 Population

According to the survey, the total number of families living in Azra district at the time of survey time was 774, with an average number of 9 people per family, thus the total population of the surveyed area during survey time was estimated at 6,966. Of 83 surveyed villages, the majority (66%) had 10 or less than 10 families and 11-20 families were living in 24% of the villages. Only in one surveyed village, Aman Khel/Akbar Khel, there were 40 families (see Table 2.1 and Figure 2.1). Furthermore, 15 nomad families were also living near Qalagai/Marouf Khel in the whole surveyed area (for information at village level see Appendix C).

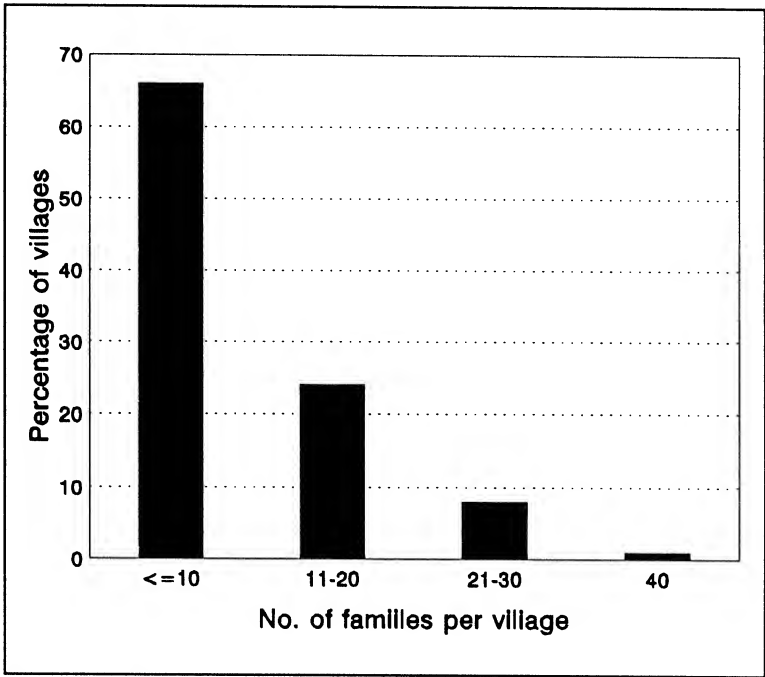


Figure 2.1: Distribution of families per village

Appendix C: Population and housing status in the surveyed villages of Azra district/Logar (Cont...)

S/No.	Main village	Sub village	No. of families	Avg. No. people/family	No. of nomad families	Total No. of houses	Number of houses		
							undamaged	damaged	destroyed
76	Tanga	Jano Kunj	7	10	0	12	0	7	5
77	Tanga	Noghluk	17	8	0	94	10	14	70
78	Tanga	Ragha	10	8	0	18	6	4	8
79	Tanga	Seray Khowla	6	9	0	11	2	2	7
80	Zandi Khel	Zandi Khel	2	11	0	16	0	1	15
81	Zargana	Gul Khan Klay	1	14	0	25	1	4	20
82	Zargana	Mulla Treen	13	7	0	24	6	13	5
83	Zargana	Uzbakyan	4	10	0	29	0	13	16
Total:			774	9	15	2866	390	629	1847

Appendix D: Drinking water sources in the surveyed villages of Azra district/Logar

S/No.	Main village	Sub village	% of sources used								Distance of mostly used source (meter)
			River	Canal/Joy	Karez	Spring	Open well	Covered well	Pond	Pipe water	
1	Akbar Khel	Allah Khan Khel	0	0	0	0	0	0	0	100	0
2	Akbar Khel	Aman Khel	50	0	0	0	0	0	0	50	200
3	Akbar Khel	Hamza Khel	85	0	0	0	0	0	0	15	1000
4	Akbar Khel	Khoram Khel	100	0	0	0	0	0	0	0	500
5	Akbar Khel	Namdar Khel	0	0	0	0	0	0	0	100	0
6	Akbar Khel	Nasrat Khel	100	0	0	0	0	0	0	0	500
7	Akbar Khel	Nazar Khel	0	0	0	0	0	0	0	100	0
8	Akbar Khel	Nor Khan Khel	100	0	0	0	0	0	0	0	500
9	Akbar Khel	Saleh Khel	0	0	0	0	0	0	0	100	0
10	Akbar Khel	Tanga Usof	60	0	0	0	0	40	0	0	500
11	Akbar Khel	Toori Khel	20	0	0	0	0	0	0	80	300
12	Baber	Haroon Khel	0	0	0	0	0	0	0	100	0
13	Baber	Kerery	100	0	0	0	0	0	0	0	500
14	Baber	Khoshal Khel	0	0	0	0	0	0	0	100	0
15	Baber	Kuza Qala	0	0	0	0	0	0	0	100	0
16	Baber	Loy Klay	0	0	0	0	0	0	0	100	0
17	Baber	Ragha	0	0	0	0	0	0	0	100	0
18	Baber	Salem Khel	0	0	0	0	0	0	0	100	0
19	Baber	Sur Kas	0	0	0	0	0	0	0	100	0
20	Chotra	Akor Khel	0	50	0	50	0	0	0	0	400
21	Chotra	Amaroot	50	0	0	0	0	50	0	0	300
22	Chotra	Angur Kunj	0	0	0	0	0	100	0	0	100
23	Chotra	Arkh Klay	0	0	0	0	0	100	0	0	0
24	Chotra	Asphano Kas	50	0	0	50	0	0	0	0	200
25	Chotra	Baghcha	0	0	0	80	0	20	0	0	200

Appendix D: Drinking water sources in the surveyed villages of Azra district/Logar (Cont...)

S/No.	Main village	Sub village	% of sources used								Distance of mostly used source (meter)
			River	Canal/Joy	Karez	Spring	Open well	Covered well	Pond	Pipe water	
26	Chotra	Fateh Khel	0	0	0	0	0	100	0	0	0
27	Chotra	Gatta	100	0	0	0	0	0	0	0	500
28	Chotra	Jalak Shaikhan	0	100	0	0	0	0	0	0	500
29	Chotra	Jawara Shaikhan	0	100	0	0	0	0	0	0	500
30	Chotra	Kanzar Klay	20	0	0	0	0	80	0	0	400
31	Chotra	Kuza Chotra	100	0	0	0	0	0	0	0	0
32	Chotra	Loy Kunj	0	0	0	0	0	100	0	0	0
33	Chotra	Mullayan	70	0	0	30	0	0	0	0	200
34	Chotra	Nawa Kunj	50	0	0	0	0	50	0	0	0
35	Chotra	Shahidan	30	0	0	0	0	70	0	0	200
36	Chotra	Sunsy	100	0	0	0	0	0	0	0	200
37	Dadi Khel	Dadi Khel	100	0	0	0	0	0	0	0	300
38	Dadi Khel	Faqir Khel	100	0	0	0	0	0	0	0	200
39	Dadi Khel	Shaikhan	70	30	0	0	0	0	0	0	1500
40	Darki Khel	Khowdai Dad Khel	50	50	0	0	0	0	0	0	300
41	Darki Khel	Shaikhan	100	0	0	0	0	0	0	0	500
42	Kaswal		0	0	0	0	0	0	0	100	0
43	Kharoti	Nasratyan	0	0	0	0	0	100	0	0	0
44	Mangal	Arab Khel	0	100	0	0	0	0	0	0	200
45	Mangal	Bar Klay	50	50	0	0	0	0	0	0	500
46	Mangal	Kharoti	0	70	0	0	0	0	30	0	500
47	Mangal	Loy Klay	60	40	0	0	0	0	0	0	400
48	Mangal	Rasul Khel	60	10	0	0	0	30	0	0	500
49	Mangal	Sangar Khel	80	0	0	0	0	20	0	0	300
50	Marouf Khel	Baghuk	0	0	0	100	0	0	0	0	1000

Appendix D: Drinking water sources in the surveyed villages of Azra district/Logar (Cont...)

S/No.	Main village	Sub village	% of sources used								Distance of mostly used source (meter)
			River	Canal/Joy	Karez	Spring	Open well	Covered well	Pond	Pipe water	
51	Marouf Khel	Gatta-aw-Derga	100	0	0	0	0	0	0	0	100
52	Marouf Khel	Kharapa	100	0	0	0	0	0	0	0	100
53	Marouf Khel	Kundi Khowla	100	0	0	0	0	0	0	0	100
54	Marouf Khel	Qalagai	0	0	0	100	0	0	0	0	500
55	Marouf Khel	Seray	0	0	10	90	0	0	0	0	1000
56	Marouf Khel	Shegai	100	0	0	0	0	0	0	0	100
57	Marouf Khel	Tanarai	20	0	0	80	0	0	0	0	500
58	Marouf Khel	Zera	0	100	0	0	0	0	0	0	100
59	Musa Khan	Aladin	100	0	0	0	0	0	0	0	500
60	Musa Khan	Khingay	0	0	0	0	0	100	0	0	0
61	Musa Khan	Musa Khan Klay	50	0	0	0	0	50	0	0	300
62	Osman Khel	Dakhan Khel	100	0	0	0	0	0	0	0	500
63	Osman Khel	Main Khel	100	0	0	0	0	0	0	0	400
64	Osman Khel	Mati Khel	100	0	0	0	0	0	0	0	300
65	Raza Khel	Mar Khan Khel	70	0	0	30	0	0	0	0	500
66	Raza Khel	Mohabat Khel	80	0	0	20	0	0	0	0	500
67	Sangi Baran	Kassona	70	0	0	30	0	0	0	0	500
68	Sangi Baran	Lwar Mela	0	0	0	100	0	0	0	0	500
69	Sangi Baran	Nawo Naw	0	0	0	100	0	0	0	0	1000
70	Sangi Baran	Sangi Baran	40	0	0	60	0	0	0	0	400
71	Sangi Baran	Watch Algad	40	0	0	60	0	0	0	0	700
72	Shahin	Shahin	100	0	0	0	0	0	0	0	200
73	Speen Jomat	Ada Klay	0	20	0	80	0	0	0	0	0
74	Speen Jomat	Jawaro Naw	0	100	0	0	0	0	0	0	0
75	Speen Jomat	Sadel Naw	0	100	0	0	0	0	0	0	400

Appendix D: Drinking water sources in the surveyed villages of Azra district/Logar (Cont...)

[illegible]

Appendix E: The status of access road and transportation means in the surveyed villages of Azra district/Logar

S/No.	Main village	Sub village	Distance of village from district center(km)	Existence of access road(km)	Distance of village from access road(km)	Type of road				% of transportation means used			
						Asphalted	Leveled/ graveled	Graveled	Not graveled	Vehicle	Horses	Donkey	Mule
1	Akbar Khel	Allah Khan Khel	1.5	Y	-	-	-	-	✓	80	0	20	0
2	Akbar Khel	Aman Khel	1.0	Y	-	-	-	-	✓	80	0	20	0
3	Akbar Khel	Hamza Khel	2.0	Y	-	-	-	-	✓	70	0	30	0
4	Akbar Khel	Khoram Khel	2.5	Y	-	-	-	-	✓	100	0	0	0
5	Akbar Khel	Namdar Khel	1.5	N	0.3	-	-	-	-	0	0	100	0
6	Akbar Khel	Nasrat Khel	2.5	Y	-	-	-	-	✓	85	0	15	0
7	Akbar Khel	Nazar Khel	2.0	Y	-	-	-	-	✓	100	0	0	0
8	Akbar Khel	Nor Khan Khel	1.5	Y	-	-	-	-	✓	100	0	0	0
9	Akbar Khel	Saleh Khel	1.0	Y	-	-	-	-	✓	80	0	20	0
10	Akbar Khel	Tanga Usof	3.0	Y	-	-	-	-	✓	90	0	10	0
11	Akbar Khel	Toori Khel	1.5	Y	-	-	-	-	✓	75	0	25	0
12	Baber	Haroon Khel	3.5	Y	-	-	-	-	✓	75	0	25	0
13	Baber	Kerery	2.0	Y	-	-	-	-	✓	70	0	30	0
14	Baber	Khoshal Khel	3.0	Y	-	-	-	-	✓	70	0	30	0
15	Baber	Kuza Qala	0.5	Y	-	-	-	-	✓	100	0	0	0
16	Baber	Loy Klay	2.0	Y	-	-	-	-	✓	70	0	30	0
17	Baber	Ragha	1.2	Y	-	-	-	-	✓	70	0	30	0
18	Baber	Salem Khel	3.5	Y	-	-	-	-	✓	100	0	0	0
19	Baber	Sur Kas	1.5	N	0.4	-	-	-	-	50	0	50	0
20	Chotra	Akor Khel	10.0	Y	-	-	-	-	✓	50	0	50	0
21	Chotra	Amaroot	6.0	Y	-	-	-	-	✓	80	0	20	0
22	Chotra	Angur Kunj	4.5	Y	-	-	-	-	✓	0	0	100	0
23	Chotra	Arkh Klay	4.0	Y	-	-	-	-	✓	60	0	40	0
24	Chotra	Asphano Kas	9.0	Y	-	-	-	-	✓	100	0	0	0
25	Chotra	Baghcha	4.0	Y	-	-	-	-	✓	100	0	0	0

Appendix E: The status of access road and transportation means in the surveyed villages of Azra district/Logar (Cont...)

S/No.	Main village	Sub village	Distance of village from district center(km)	Existence of access road(km)	Distance of village from access road(km)	Type of road				% of transportation means used			
						Asphalted	Leveled/ graveled	Graveled	Not graveled	Vehicle	Horses	Donkey	Mule
26	Chotra	Fateh Khel	5.2	Y	-	-	-	-	✓	100	0	0	0
27	Chotra	Gatta	10.0	Y	-	-	-	-	✓	100	0	0	0
28	Chotra	Jalak Shaikhan	10.0	Y	-	-	-	-	✓	20	0	80	0
29	Chotra	Jawara Shaikhan	6.0	Y	-	-	-	-	✓	50	0	50	0
30	Chotra	Kanzar Klay	4.5	Y	-	-	-	-	✓	60	0	40	0
31	Chotra	Kuza Chotra	5.0	Y	-	-	-	-	✓	80	0	0	20
32	Chotra	Loy Kunj	3.5	Y	-	-	-	-	✓	100	0	0	0
33	Chotra	Mullayan	6.5	Y	-	-	-	-	✓	80	0	20	0
34	Chotra	Nawa Kunj	4.0	Y	-	-	-	-	✓	90	0	10	0
35	Chotra	Shahidan	4.0	Y	-	-	-	-	✓	80	0	20	0
36	Chotra	Sunsy	4.5	Y	-	-	-	-	✓	60	0	40	0
37	Dadi Khel	Dadi Khel	12.5	Y	-	-	-	-	✓	40	0	60	0
38	Dadi Khel	Faqir Khel	12.5	N	1.0	-	-	-	-	100	0	0	0
39	Dadi Khel	Shaikhan	11.5	Y	-	-	-	-	✓	60	0	40	0
40	Darki Khel	Khowdai Dad Khel	11.0	Y	-	-	-	-	✓	80	0	20	0
41	Darki Khel	Shaikhan	11.0	Y	-	-	-	-	✓	70	0	30	0
42	Kaswal		3.0	Y	-	-	-	-	✓	80	0	20	0
43	Kharoti	Nasratyan	5.0	Y	-	-	-	-	✓	100	0	0	0
44	Mangal	Arab Khel	8.0	N	1.0	-	-	-	-	0	0	100	0
45	Mangal	Bar Klay	9.5	Y	-	-	-	-	✓	60	0	40	0
46	Mangal	Kharoti	8.5	Y	-	-	-	-	✓	40	0	60	0
47	Mangal	Loy Klay	8.0	Y	-	-	-	-	✓	70	0	30	0
48	Mangal	Rasul Khel	7.0	Y	-	-	-	-	✓	70	0	30	0
49	Mangal	Sangar Khel	7.5	Y	-	-	-	-	✓	70	0	30	0
50	Marouf Khel	Baghuk	15.0	Y	-	-	-	-	✓	0	20	80	0

Appendix E: The status of access road and transportation means in the surveyed villages of Azra district/Logar (Cont...)

S/No.	Main village	Sub village	Distance of village from district center(km)	Existence of access road(km)	Distance of village from access road(km)	Type of road				% of transportation means used			
						Asphalted	Leveled/ graveled	Graveled	Not graveled	Vehicle	Horses	Donkey	Mule
51	Marouf Khel	Gatta-aw-Derga	12.0	N	6.0	-	-	-	-	0	0	80	20
52	Marouf Khel	Kharapa	13.0	N	8.0	-	-	-	-	0	20	80	0
53	Marouf Khel	Kundi Khowla	11.5	N	5.5	-	-	-	-	0	10	90	0
54	Marouf Khel	Qalagai	20.0	N	1.0	-	-	-	-	0	0	30	0
55	Marouf Khel	Seray	12.0	N	6.0	-	-	-	-	0	80	20	0
56	Marouf Khel	Shegai	10.0	N	4.0	-	-	-	-	60	0	40	0
57	Marouf Khel	Tanarai	15.0	Y	-	-	-	-	✓	50	0	50	0
58	Marouf Khel	Zera	8.0	N	2.0	-	-	-	-	0	80	20	0
59	Musa Khan	Aladin	9.0	Y	-	-	-	-	✓	100	0	0	0
60	Musa Khan	Khingay	10.0	N	0.5	-	-	-	-	0	0	100	0
61	Musa Khan	Musa Khan Klay	10.0	Y	-	-	-	-	✓	80	0	20	0
62	Osman Khel	Dakhan Khel	7.0	Y	-	-	-	-	✓	60	0	40	0
63	Osman Khel	Main Khel	7.0	Y	-	-	-	-	✓	90	0	10	0
64	Osman Khel	Mati Khel	7.0	Y	-	-	-	-	✓	90	0	10	0
65	Raza Khel	Mar Khan Khel	11.0	Y	-	-	-	-	✓	60	0	40	0
66	Raza Khel	Mohabat Khel	11.5	Y	-	-	-	-	✓	60	0	40	0
67	Sangi Baran	Kassona	11.0	Y	-	-	-	-	✓	75	0	25	0
68	Sangi Baran	Lwar Mela	9.0	Y	-	-	-	-	✓	100	0	0	0
69	Sangi Baran	Nawo Naw	13.0	Y	-	-	-	-	✓	100	0	0	0
70	Sangi Baran	Sangi Baran	10.0	Y	-	-	-	-	✓	90	0	10	0
71	Sangi Baran	Watch Algad	11.0	Y	-	-	-	-	✓	70	0	30	0
72	Shahin	Shahin	11.5	Y	-	-	-	-	✓	70	0	30	0
73	Speen Jomat	Ada Klay	13.5	Y	-	-	-	-	✓	90	0	10	0
74	Speen Jomat	Jawaro Naw	15.0	Y	-	-	-	-	✓	100	0	0	0
75	Speen Jomat	Sadel Naw	14.0	Y	-	-	-	-	✓	60	0	40	0

Appendix E: The status of access road and transportation means in the surveyed villages of Azra district/Logar (Cont...)

S/No.	Main village	Sub village	Distance of village from district center(km)	Existence of access road(km)	Distance of village from access road(km)	Type of road				% of transportation means used			
						Asphalted	Leveled/ graveled	Graveled	Not graveled	Vehicle	Horses	Donkey	Mule
76	Tanga	Jano Kunj	8.0	N	2.0	-	-	-	-	0	0	40	60
77	Tanga	Noghluk	15.0	N	9.0	-	-	-	-	0	10	40	50
78	Tanga	Ragha	10.5	N	4.5	-	-	-	-	0	0	60	40
79	Tanga	Seray Khowla	10.5	Y	-	-	-	-	✓	30	0	70	0
80	Zandi Khel	Zandi Khel	7.5	Y	-	-	-	-	✓	70	0	30	0
81	Zargana	Gul Khan Klay	2.5	Y	-	-	-	-	✓	100	0	0	0
82	Zargana	Mulla Treen	2.5	Y	-	-	-	-	✓	60	0	40	0
83	Zargana	Uzbakyan	2.5	Y	-	-	-	-	✓	60	0	40	0

Appendix F: Abandoned villages in Azra district/Logar

S/No.	Main village	Sub village	Distance from district center(km)
1	Baber	Sofyan	2.5
2	Dadi Khel	Dagyan	13.5
3	Khara Tiga	Khara Tiga	29.0
4	Kharoti	Kharoti	5.0
5	Khoja Khel	Chengay	25.5
6	Khoja Khel	Dahani Gomaran	25.0
7	Khoja Khel	Kamarkay	22.0
8	Khoja Khel	Kas	15.5
9	Khoja Khel	Laka Tiga	23.5
10	Khoja Khel	Pacha Lara	22.0
11	Khoja Khel	Penzo Kas	24.0
12	Penzo Kas	Kharoti	27.0
13	Qassem Khel	Qassem Khel	30.0
14	Sangi Baran	Ghazni Algad	8.0
15	Sar Kay	Sar Kay	27.5
16	Speen Jomat	Kharchatal	18.0
17	Speen Jomat	Nakhtar Naw	17.0
18	Speen Jomat	Obakhta Naw	20.0
19	Speen Jomat	Satak Naw	16.0
20	Speen Jomat	Tanga	13.0
21	Tanga	Soor Naw	14.0
22	Wacha Margha	Wacha Margha	29.0
23	Zaman Khel	Zaman Khel	26.0

Table 2.1: Distribution of families per village

No. of villages surveyed	% of villages in each range			
	<=10	11-20	21-30	40
83	66	24	8	1

2.1.2 Major Ethnic Groups

All people living in Azra area are of Pashtuns origin. The main and sub clans (khels) are: Akbar Khel (composed of Aman Khel, Saleh Khel, Hamza Khel, Namdar Khel, Toori Khel, Nasrat Khel, Nazar Khel, Alah Khan Khel, Khorum Khel and Noor Khan Khel); Mohammad Khel or Mangal (composed of Mir Khel and Samad Khel); Safuddin Khel (composed of Mena Khel, Sermust Khel and Fateh Khel); Raza Khel or Ahmad Khel (composed of Raza Khel, Darak Khel and Dadee Khel); Maroof Khel (composed of Baghuk, Tang and Noghruk); and Baber which is composed of Khoshal Khel, Alam Khan Khel, Dree Qaume, Saleem Khel, Sarwar Khel, Ghazi Khel, Kathwal and Kharooti.

2.1.3 Household Size

In the majority (57%) of surveyed villages, the average number of people per household was between 7 to 9 while 34% of surveyed villages had an average of 10 to 12 people per household. Only one family had more than 16 people in the whole surveyed area (see Table 2.2, Figure 2.2 and Appendix C).

Table 2.2: Distribution of people per household

No. of villages surveyed	Percentage of villages in each range				
	<=6	7-9	10-12	13-15	16
83	5	57	34	4	1

Appendix G: Refugee situation in the surveyed villages of Azra district/Logar

S/N	Main Village	Sub Village	No. of families have ever been		No. of returned families	No. of families from other villages	No. of families still refugee	No. of families still displaced	Main problems in returning of refugees							
			refugees	displaced					A	B	C	D	E	F	G	H
1	Akbar Khel	Allah Khan Khel	16	0	8	0	12	0	✓	-	✓	-	-	-	-	-
2	Akbar Khel	Aman Khel	30	0	40	0	8	0	✓	-	✓	-	-	-	-	-
3	Akbar Khel	Hamza Khel	12	15	13	1	6	20	✓	-	✓	-	-	-	-	Little land
4	Akbar Khel	Khoram Khel	30	0	25	0	25	0	✓	-	✓	-	-	-	-	-
5	Akbar Khel	Namdar Khel	9	0	3	0	8	0	✓	-	✓	-	-	-	-	Little land
6	Akbar Khel	Nasrat Khel	18	12	2	0	25	15	✓	-	✓	-	-	-	-	Little land
7	Akbar Khel	Nazar Khel	21	4	21	0	11	3	✓	-	✓	-	-	-	-	Little land
8	Akbar Khel	Nor Khan Khel	17	4	11	0	9	3	✓	-	✓	-	-	-	-	Little land
9	Akbar Khel	Saleh Khel	26	3	9	0	19	4	✓	-	✓	-	-	-	-	Little land
10	Akbar Khel	Tanga Usof	25	4	15	0	17	5	✓	-	✓	-	-	-	-	Little land
11	Akbar Khel	Toori Khel	10	0	6	0	6	0	✓	-	✓	-	-	-	-	Little land
12	Baber	Haroon Khel	22	4	18	0	12	5	✓	-	✓	-	-	-	-	-
13	Baber	Kerery	20	30	7	0	30	37	✓	-	✓	-	-	-	-	Little land
14	Baber	Khoshal Khel	35	6	6	0	55	8	✓	-	✓	-	-	-	-	Little land
15	Baber	Kuza Qala	54	3	4	0	80	4	✓	-	✓	-	-	-	-	Little land
16	Baber	Loy Klay	98	0	5	0	160	0	✓	-	✓	-	-	-	-	Little land
17	Baber	Ragha	43	15	5	0	60	20	✓	-	✓	-	-	-	-	Little land
18	Baber	Salem Khel	24	0	4	0	50	0	✓	-	✓	-	-	-	-	Little land
19	Baber	Sur Kas	25	7	11	0	23	10	✓	-	✓	-	-	-	-	Little land
20	Chotra	Akor Khel	31	0	2	0	43	0	✓	-	✓	-	-	-	-	Little land
21	Chotra	Amaroot	30	0	3	0	55	0	✓	-	✓	-	-	✓	-	-
22	Chotra	Angur Kunj	3	1	4	0	0	1	✓	-	✓	-	-	-	-	-
23	Chotra	Arkh Klay	15	8	8	0	20	10	✓	-	-	-	-	-	-	-
24	Chotra	Asphano Kas	20	2	6	0	30	3	✓	-	-	-	-	✓	-	Little land
25	Chotra	Baghcha	15	4	12	0	9	5	✓	-	✓	-	-	-	-	Little land

Appendix G: Refugee situation in the surveyed villages of Azra district/Logar

S/N	Main Village	Sub Village	No. of families have ever been		No. of returned families	No. of families from other villages	No. of families still refugee	No. of families still displaced	Main problems in returning of refugees								
			refugees	displaced					A	B	C	D	E	F	G	H	
26	Chotra	Fateh Khel	14	3	3	1	20	3	✓	-	✓	-	-	-	-	-	Little land
27	Chotra	Gatta	4	4	6	0	2	6	✓	-	✓	-	-	-	-	-	-
28	Chotra	Jalak Shaikhan	10	5	7	0	10	6	✓	-	✓	-	-	-	-	-	Little land
29	Chotra	Jawara Shaikhan	8	3	8	0	3	3	✓	-	✓	-	-	-	-	-	Little land
30	Chotra	Kanzar Klay	20	2	26	0	12	1	✓	-	✓	-	-	-	-	-	-
31	Chotra	Kuza Chotra	47	1	16	0	69	1	✓	-	✓	-	-	-	-	-	Little land
32	Chotra	Loy Kunj	17	2	16	0	4	2	-	-	✓	-	-	-	-	-	-
33	Chotra	Mullayan	18	0	2	1	25	0	✓	-	✓	-	-	-	-	-	Little land
34	Chotra	Nawa Kunj	15	0	21	0	7	0	✓	-	✓	-	-	-	-	-	Little land
35	Chotra	Shahidan	20	2	19	0	7	2	✓	-	✓	-	-	-	-	-	Little land
36	Chotra	Sunsy	13	0	5	1	17	0	✓	-	✓	-	-	✓	-	-	-
37	Dadi Khel	Dadi Khel	30	70	9	0	39	68	✓	-	-	-	-	-	-	-	Little land
38	Dadi Khel	Faqir Khel	25	18	3	0	28	20	✓	-	✓	-	-	-	-	✓	-
39	Dadi Khel	Shaikhan	40	28	5	0	48	39	✓	-	✓	-	-	-	-	-	Little land
40	Darki Khel	Khowdai Dad Khel	20	18	4	0	20	25	✓	-	✓	-	-	-	-	-	Little land
41	Darki Khel	Shaikhan	60	70	12	0	50	65	✓	-	✓	-	-	-	-	-	-
42	Kaswal	-	100	20	30	0	116	33	✓	-	✓	-	-	-	-	-	Little land
43	Kharoti	Nasratyan	10	4	1	0	14	6	✓	-	✓	-	-	-	-	-	-
44	Mangal	Arab Khel	85	8	14	0	145	11	✓	-	✓	-	-	✓	-	-	-
45	Mangal	Bar Klay	70	0	25	0	120	0	✓	-	✓	-	-	-	-	-	Little land
46	Mangal	Kharoti	42	0	14	0	40	0	✓	-	✓	-	-	-	-	✓	-
47	Mangal	Loy Klay	87	2	19	0	120	2	✓	✓	✓	✓	-	-	-	-	-
48	Mangal	Rasul Khel	70	0	14	0	84	0	✓	-	✓	-	-	-	-	-	Little land
49	Mangal	Sangar Khel	27	0	7	0	45	0	✓	-	✓	-	-	-	-	-	Little land
50	Marouf Khel	Baghuk	100	0	12	0	120	0	✓	-	✓	-	-	-	-	-	Little land

Appendix G: Refugee situation in the surveyed villages of Azra district/Logar

S/N	Main Village	Sub Village	No. of families have ever been		No. of returned families	No. of families from other villages	No. of families still refugee	No. of families still displaced	Main problems in returning of refugees								
			refugees	displaced					A	B	C	D	E	F	G	H	
51	Marouf Khel	Gatta-aw-Derga	18	2	4	0	20	1	✓	-	✓	-	-	-	-	-	Little land
52	Marouf Khel	Kharapa	7	3	7	1	5	4	✓	-	✓	-	-	-	-	-	-
53	Marouf Khel	Kundi Khowla	25	11	8	0	40	15	✓	-	-	-	-	-	-	-	Little land
54	Marouf Khel	Qalagai	18	2	21	0	10	2	✓	-	✓	-	-	-	-	✓	-
55	Marouf Khel	Seray	70	10	11	0	120	0	✓	-	✓	-	-	-	-	-	Little land
56	Marouf Khel	Shegai	11	0	5	0	28	0	✓	-	✓	-	-	-	-	-	-
57	Marouf Khel	Tanarai	30	6	10	0	40	8	✓	-	✓	-	-	-	-	-	Little land
58	Marouf Khel	Zera	15	5	10	0	15	8	✓	-	✓	-	-	-	-	-	Little land
59	Musa Khan	Aladin	10	18	4	2	10	22	✓	-	✓	-	-	-	-	-	Little land
60	Musa Khan	Khingay	23	0	1	0	33	0	✓	-	✓	-	-	-	-	✓	-
61	Musa Khan	Musa Khan Klay	60	0	7	0	85	0	✓	-	✓	-	-	-	-	-	Little land
62	Osman Khel	Dakhan Khel	52	6	5	0	70	9	✓	-	✓	-	-	-	-	-	Little land
63	Osman Khel	Main Khel	125	2	2	0	145	2	✓	-	✓	-	-	-	-	-	-
64	Osman Khel	Mati Khel	40	3	4	0	57	5	✓	-	✓	-	-	-	-	-	-
65	Raza Khel	Mar Khan Khel	60	0	4	0	80	0	✓	-	✓	-	-	-	-	-	Little land
66	Raza Khel	Mohabat Khel	75	0	5	0	90	0	✓	✓	✓	-	-	-	-	-	Little land
67	Sangi Baran	Kassona	47	7	15	2	48	10	✓	-	✓	-	-	-	✓	-	Little land
68	Sangi Baran	Lwar Mela	30	18	9	0	30	25	✓	-	✓	-	-	-	-	-	Little land
69	Sangi Baran	Nawo Naw	10	10	6	0	11	14	✓	-	✓	-	-	-	-	-	Little land
70	Sangi Baran	Sangi Baran	30	60	12	0	27	74	✓	-	✓	-	-	-	✓	-	Little land
71	Sangi Baran	Watch Algad	60	70	4	0	76	99	✓	-	✓	-	-	-	-	-	Little land
72	Shahin	Shahin	15	18	1	0	18	22	✓	-	✓	-	-	-	✓	-	Little land
73	Speen Jomat	Ada Klay	26	40	4	0	30	55	✓	-	✓	-	-	-	-	-	Little land
74	Speen Jomat	Jawaro Naw	14	18	5	0	13	25	✓	-	✓	-	-	-	-	-	Little land
75	Speen Jomat	Sadel Naw	15	2	3	0	18	2	✓	-	✓	-	-	-	-	-	-

Appendix G: Refugee situation in the surveyed villages of Azra district/Logar

S/N	Main Village	Sub Village	No. of families have ever been		No. of returned families	No. of families from other villages	No. of families still refugee	No. of families still displaced	Main problems in returning of refugees								
			refugees	displaced					A	B	C	D	E	F	G	H	
76	Tanga	Jano Kunj	12	2	7	0	12	2	✓	-	✓	-	-	-	-	-	Little land
77	Tanga	Noghluk	110	50	17	0	115	75	✓	-	✓	-	-	✓	✓	-	
78	Tanga	Ragha	20	0	10	0	15	0	✓	✓	✓	-	-	-	-	-	
79	Tanga	Seray Khowla	15	2	5	0	17	1	✓	-	✓	-	-	-	-	-	Little land
80	Zandi Khel	Zandi Khel	16	4	2	0	20	5	✓	-	✓	-	-	-	-	-	
81	Zargana	Gul Khan Klay	25	16	1	0	33	21	✓	-	✓	-	-	-	-	-	
82	Zargana	Mulla Treen	15	11	13	0	8	17	✓	-	✓	-	-	-	-	-	Little land
83	Zargana	Uzbakyan	29	18	4	0	24	30	✓	-	✓	-	-	-	-	-	Little land

A = Lack of houses

B = Lack of food

C = Unemployment

D = Security

E = Fighting

F = Abandoned arable land

G = Damaged irrigation system

H = Other (Little land ownership)

Appendix H: The status of agricultural land in the surveyed villages of Azra district/Logar

S/No.	Main village	Sub village	Arable land(J)		Cultivated land(J)		Abandoned land(J)			Type of land use (%)	
			Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed	reason	double cropped	single cropped
1	Akbar Khel	Allah Khan Khel	24	10	8	0	16	10	CD	0	100
2	Akbar Khel	Aman Khel	32	6	20	0	12	6	D	0	100
3	Akbar Khel	Hamza Khel	25	8	10	0	15	8	CD	0	100
4	Akbar Khel	Khoram Khel	30	6	25	0	5	6	CD	0	100
5	Akbar Khel	Namdar Khel	4	5	2	0	2	5	D	0	100
6	Akbar Khel	Nasrat Khel	40	6	15	0	25	6	CD	0	100
7	Akbar Khel	Nazar Khel	18	9	8	0	10	9	CD	0	100
8	Akbar Khel	Nor Khan Khel	8	0	2	0	6	0	D	0	100
9	Akbar Khel	Saleh Khel	10	0	5	0	5	0	D	0	100
10	Akbar Khel	Tanga Usof	38	0	18	0	20	0	D	0	100
11	Akbar Khel	Toori Khel	6	4	6	0	0	4	C	0	100
12	Baber	Haroon Khel	33	0	15	0	18	0	CD	0	100
13	Baber	Kerery	40	16	20	0	20	16	CD	0	100
14	Baber	Khoshal Khel	18	0	16	0	2	0	D	0	100
15	Baber	Kuza Qala	80	0	40	0	40	0	CD	0	100
16	Baber	Loy Klay	60	60	45	0	15	60	CD	0	100
17	Baber	Ragha	55	0	15	0	40	0	CD	0	100
18	Baber	Salem Khel	45	0	15	0	30	0	D	0	100
19	Baber	Sur Kas	90	15	60	0	30	15	CD	0	100
20	Chotra	Akor Khel	35	0	15	0	20	0	D	100	0
21	Chotra	Amaroot	90	30	30	0	60	30	CD	0	100
22	Chotra	Angur Kunj	5	0	5	0	0	0		0	100
23	Chotra	Arkh Klay	40	15	30	0	10	15	CD	0	100
24	Chotra	Asphano Kas	25	10	20	0	5	10	D	100	0
25	Chotra	Baghcha	32	10	20	0	12	10	CD	0	100

Appendix H: The status of agricultural land in the surveyed villages of Azra district/Logar (Cont...)

S/No.	Main village	Sub village	Arable land(J)		Cultivated land(J)		Abandoned land(J)			Type of land use (%)	
			Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed	reason	double cropped	single cropped
26	Chotra	Fateh Khel	50	0	40	0	10	0	CD	0	100
27	Chotra	Gatta	9	0	7	0	2	0	D	100	0
28	Chotra	Jalak Shaikhan	40	15	20	0	20	15	BCD	100	0
29	Chotra	Jawara Shaikhan	16	0	8	0	8	0	BC	0	100
30	Chotra	Kanzar Klay	29	0	22	0	7	0	D	0	100
31	Chotra	Kuza Chotra	55	45	30	0	25	45	C	0	100
32	Chotra	Loy Kunj	16	5	8	0	8	5	CD	0	100
33	Chotra	Mullayan	25	25	10	0	15	25	CD	0	100
34	Chotra	Nawa Kunj	60	0	30	0	30	0	D	0	100
35	Chotra	Shahidan	35	0	30	0	5	0	D	0	100
36	Chotra	Sunsy	31	0	24	0	7	0	CD	0	100
37	Dadi Khel	Dadi Khel	85	15	85	0	0	15	C	0	100
38	Dadi Khel	Faqir Khel	35	0	30	0	5	0	D	0	100
39	Dadi Khel	Shaikhan	45	5	45	0	0	5	C	0	100
40	Darki Khel	Khowdai Dad Khel	35	0	30	0	5	0	C	0	100
41	Darki Khel	Shaikhan	70	0	55	0	15	0	C	0	100
42	Kaswal		130	0	90	0	40	0	CD	0	100
43	Kharoti	Nasratyan	22	0	16	0	6	0	CD	0	100
44	Mangal	Arab Khel	100	50	80	0	20	50	CD	0	100
45	Mangal	Bar Klay	55	40	45	0	10	40	CD	0	100
46	Mangal	Kharoti	40	30	15	0	25	30	BC	0	100
47	Mangal	Loy Klay	90	50	60	0	30	50	D	0	100
48	Mangal	Rasul Khel	20	0	15	0	5	0	C	0	100
49	Mangal	Sangar Khel	30	20	8	0	22	20	CD	0	100
50	Marouf Khel	Baghuk	50	60	25	6	25	54	C	0	100

Appendix H: The status of agricultural land in the surveyed villages of Azra district/Logar (Cont...)

S/No.	Main village	Sub village	Arable land(J)		Cultivated land(J)		Abandoned land(J)			Type of land use (%)	
			Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed	reason	double cropped	single cropped
51	Marouf Khel	Gatta-aw-Derga	29	0	23	0	6	0	CD	100	0
52	Marouf Khel	Kharapa	10	0	10	0	0	0		100	0
53	Marouf Khel	Kundi Khowla	32	0	26	0	6	0	D	100	0
54	Marouf Khel	Qalagai	130	40	80	20	50	20	B	100	0
55	Marouf Khel	Seray	60	0	20	0	40	0	BC	0	100
56	Marouf Khel	Shegai	30	0	15	0	15	0	CD	100	0
57	Marouf Khel	Tanarai	28	0	20	0	8	0	D	100	0
58	Marouf Khel	Zera	10	30	7	0	3	30	BC	0	100
59	Musa Khan	Aladin	35	0	15	0	20	0	BCD	0	100
60	Musa Khan	Khingay	25	0	15	0	10	0	CD	0	100
61	Musa Khan	Musa Khan Klay	45	0	15	0	30	0	CD	0	100
62	Osman Khel	Dakhan Khel	18	0	8	0	10	0	CD	0	100
63	Osman Khel	Main Khel	51	35	34	0	17	35	CD	0	100
64	Osman Khel	Mati Khel	30	15	19	0	11	15	C	0	100
65	Raza Khel	Mar Khan Khel	70	15	30	0	40	15	BCD	0	100
66	Raza Khel	Mohabat Khel	80	20	40	0	40	20	BCD	0	100
67	Sangi Baran	Kassona	41	50	16	10	25	40	CD	0	100
68	Sangi Baran	Lwar Mela	16	20	1	0	15	20	BCD	0	100
69	Sangi Baran	Nawo Naw	5	0	3	0	2	0	BC	0	100
70	Sangi Baran	Sangi Baran	50	15	5	0	45	15	CD	0	100
71	Sangi Baran	Watch Algad	160	40	65	0	95	40	CD	0	100
72	Shahin	Shahin	40	0	25	0	15	0	CD	0	100
73	Speen Jomat	Ada Klay	33	20	3	0	30	20	BCD	0	100
74	Speen Jomat	Jawaro Naw	20	40	2	12	18	28	BCD	0	100
75	Speen Jomat	Sadel Naw	12	0	8	0	4	0	C	0	100

Appendix H: The status of agricultural land in the surveyed villages of Azra district/Logar (Cont...)

S/No.	Main village	Sub village	Arable land(J)		Cultivated land(J)		Abandoned land(J)			Type of land use (%)	
			Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed	reason	double cropped	single cropped
76	Tanga	Jano Kunj	12	0	8	0	4	0	D	100	0
77	Tanga	Noghluk	250	50	150	0	100	50	BC	100	0
78	Tanga	Ragha	65	35	40	0	25	35	CD	100	0
79	Tanga	Seray Khowla	22	0	18	0	4	0	D	100	0
80	Zandi Khel	Zandi Khel	25	10	15	0	10	10	CD	0	100
81	Zargana	Gul Khan Klay	19	10	12	0	7	10	CD	0	100
82	Zargana	Mulla Treen	42	10	34	0	8	10	CD	0	100
83	Zargana	Uzbakyan	18	10	10	0	8	10	BCD	0	100

Reasons for abandonment of land:

A = Mines

B = Shortage of water

C = Lack of farm power

D = Other (Absence of land owner, Canal damaged, Damaged by flood, Lack of seed and fertilizer, Reservoir destroyed)

**Appendix I: The status of orchards and fruit nurseries in the surveyed villages
of Azra district/Logar**

S/No.	Main village	Sub village	Orchard(J)	Nurseries	
				No.	Acreage(J)
1	Akbar Khel	Allah Khan Khel	3	0	0.0
2	Akbar Khel	Aman Khel	3	0	0.0
3	Akbar Khel	Hamza Khel	4	0	0.0
4	Akbar Khel	Khoram Khel	3	0	0.0
5	Akbar Khel	Namdar Khel	1	0	0.0
6	Akbar Khel	Nasrat Khel	5	0	0.0
7	Akbar Khel	Nazar Khel	4	0	0.0
8	Akbar Khel	Nor Khan Khel	1	0	0.0
9	Akbar Khel	Saleh Khel	1	0	0.0
10	Akbar Khel	Tanga Usof	8	0	0.0
11	Akbar Khel	Toori Khel	2	0	0.0
12	Baber	Haroon Khel	3	2	0.3
13	Baber	Kerery	15	0	0.0
14	Baber	Khoshal Khel	3	1	0.2
15	Baber	Kuza Qala	2	0	0.0
16	Baber	Loy Klay	3	0	0.0
17	Baber	Ragha	5	1	0.5
18	Baber	Salem Khel	2	0	0.0
19	Baber	Sur Kas	8	1	1.0
20	Chotra	Akor Khel	3	0	0.0
21	Chotra	Amaroot	1	0	0.0
22	Chotra	Angur Kunj	1	1	0.1
23	Chotra	Arkh Klay	2	3	0.5
24	Chotra	Baghcha	2	0	0.0
25	Chotra	Fateh Khel	2	0	0.0
26	Chotra	Gatta	1	0	0.0
27	Chotra	Jalak Shaikhan	5	0	0.0
28	Chotra	Jawara Shaikhan	1	0	0.0
29	Chotra	Kanzar Klay	1	0	0.0
30	Chotra	Kuza Chotra	5	0	0.0
31	Chotra	Loy Kunj	1	0	0.0
32	Chotra	Mullayan	1	0	0.0
33	Chotra	Nawa Kunj	3	0	0.0
34	Chotra	Shahidan	4	1	0.5
35	Chotra	Sunsy	1	0	0.0
36	Dadi Khel	Dadi Khel	8	0	0.0
37	Dadi Khel	Shaikhan	2	0	0.0
38	Darki Khel	Khowdai Dad Khel	3	0	0.0
39	Kaswal		2	3	0.5
40	Kharoti	Nasratyan	2	0	0.0

Appendix I: The status of orchards and fruit nurseries in the surveyed villages of Azra district/Logar (Cont...)

S/No.	Main village	Sub village	Orchard(J)	Nurseries	
				No.	Acreage(J)
41	Mangal	Arab Khel	4	0	0.0
42	Mangal	Bar Klay	6	0	0.0
43	Marouf Khel	Gatta-aw-Derga	4	0	0.0
44	Marouf Khel	Kharapa	1	0	0.0
45	Marouf Khel	Seray	5	0	0.0
46	Marouf Khel	Shegai	5	0	0.0
47	Marouf Khel	Tanarai	3	0	0.0
48	Marouf Khel	Zera	3	0	0.0
49	Musa Khan	Aladin	1	0	0.0
50	Musa Khan	Khingay	2	0	0.0
51	Musa Khan	Musa Khan Klay	2	0	0.0
52	Osman Khel	Dakhan Khel	2	0	0.0
53	Osman Khel	Main Khel	2	0	0.0
54	Osman Khel	Mati Khel	1	0	0.0
55	Sangi Baran	Sangi Baran	0	4	0.3
56	Shahin	Shahin	2	0	0.0
57	Tanga	Jano Kunj	2	0	0.0
58	Tanga	Noghluk	20	0	0.0
59	Tanga	Ragha	5	0	0.0
60	Tanga	Seray Khowla	1	0	0.0
61	Zandi Khel	Zandi Khel	2	0	0.0
62	Zargana	Gul Khan Klay	3	0	0.0
63	Zargana	Mulla Treen	3	0	0.0
64	Zargana	Uzbakyan	4	0	0.0

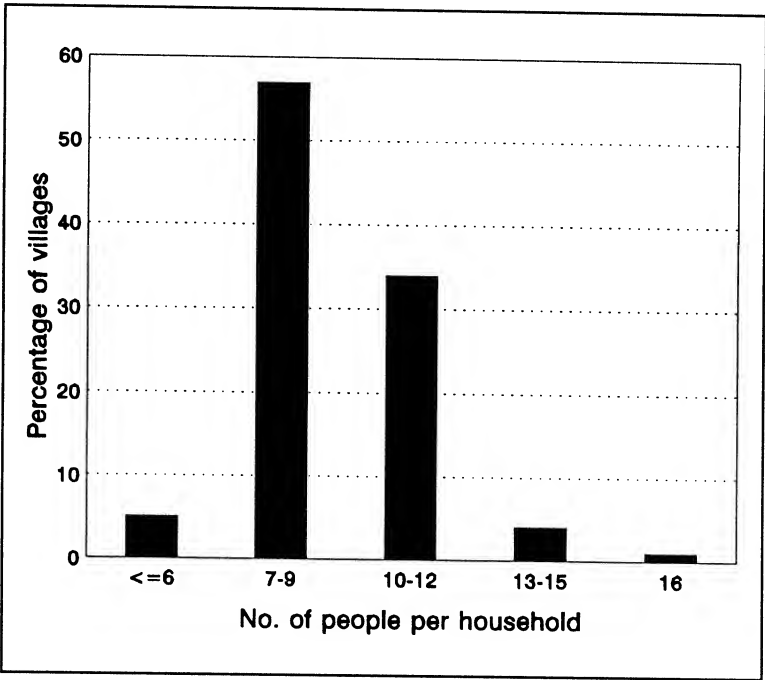


Figure 2.2: Distribution of people per household

2.2 Housing Status

Out of 2,866 houses reported in the surveyed area, only 390 houses (14%) were undamaged (habitable), while the majority (1,847 or 64%) were destroyed. The rest (629 or 22%) of houses were damaged (see Table 2.3, Figure 2.3 and Appendix C).

Table 2.3: Status of houses in the district

No. of villages surveyed	Total No. of houses	Number and percentage of houses					
		Undamaged		Damaged		Destroyed	
		No.	%	No.	%	No.	%
83	2866	390	14	629	22	1847	64

Appendix J: Main products produced for market in the surveyed villages of Azra district/Logar

S/N	Main Village	Sub Village	Cereals	Pulses	Fruits	Vegetables	Forages	Animals	Others
1	Akbar Khel	Allah Khan Khel			Walnut Pinenut				Fire wood
2	Akbar Khel	Aman Khel			Walnut Pinenut				
3	Akbar Khel	Hamza Khel			Walnut	Potato Onion		Goats Sheep	Construction wood Fire wood
4	Akbar Khel	Khoram Khel			Walnut Pinenut	Potato			Fire wood
5	Akbar Khel	Namdar Khel							Construction wood Fire wood
6	Akbar Khel	Nasrat Khel			Walnut	Potato Onion		Goats Sheep	Construction wood Fire wood
7	Akbar Khel	Nazar Khel			Walnut Pinenut				
8	Akbar Khel	Nor Khan Khel			Walnut				
9	Akbar Khel	Saleh Khel			Walnut	Potato		Goats Sheep	Fire wood Construction wood
10	Akbar Khel	Tanga Usof			Pinenut Apple				

Appendix J: Main products produced for market in the surveyed villages of Azra district/Logar (Cont...)

S/N	Main Village	Sub Village	Cereals	Pulses	Fruits	Vegetables	Forages	Animals	Others
11	Akbar Khel	Toori Khel			Walnut Pinenut				Fire wood
12	Baber	Haroon Khel			Walnut	Potato			Fire wood
13	Baber	Kerery			Walnut	Potato Onion Tomato		Goats Sheep	Fire wood
14	Baber	Khoshal Khel			Walnut	Potato Onion			Fire wood
15	Baber	Kuza Qala			Walnut	Potato Onion			Fire wood Construction wood
16	Baber	Loy Klay			Walnut	Potato Onion		Goats Sheep	Fire wood Construction wood
17	Baber	Ragha							Fire wood
18	Baber	Salem Khel			Walnut Pinenut	Potato			Fire wood Construction wood
19	Baber	Sur Kas			Walnut				Fire wood Construction wood
20	Chotra	Akor Khel			Walnut Pinenut				Fire wood

Appendix J: Main products produced for market in the surveyed villages of Azra district/Logar (Cont...)

S/N	Main Village	Sub Village	Cereals	Pulses	Fruits	Vegetables	Forages	Animals	Others
21	Chotra	Amaroot			Walnut Pinenut				
22	Chotra	Angur Kunj			Walnut Pinenut				
23	Chotra	Arkh Klay			Walnut Pinenut	Potato			
24	Chotra	Asphano Kas			Walnut Pinenut				Fire wood
25	Chotra	Baghcha			Walnut Pinenut				
26	Chotra	Fateh Khel			Walnut Pinenut			Goats	Fire wood
27	Chotra	Gatta			Walnut			Goats Sheep	
28	Chotra	Jalak Shaikhan			Walnut Pinenut Apricot			Goats Sheep	
29	Chotra	Jawara Shaikhan			Walnut				Fire wood
30	Chotra	Kanzar Klay			Walnut Pinenut			Goats	

Appendix J: Main products produced for market in the surveyed villages of Azra district/Logar (Cont...)

S/N	Main Village	Sub Village	Cereals	Pulses	Fruits	Vegetables	Forages	Animals	Others
31	Chotra	Kuza Chotra			Walnut Pinenut				Fire wood
32	Chotra	Loy Kunj			Walnut Pinenut	Potato		Goats Sheep	
33	Chotra	Mullayan			Walnut				
34	Chotra	Nawa Kunj			Walnut Pinenut	Potato		Goats Sheep	Fire wood
35	Chotra	Shahidan			Walnut Pinenut				
36	Chotra	Sunsy			Walnut Pinenut	Potato		Goats	
37	Dadi Khel	Dadi Khel			Walnut	Potato			Hashish
38	Dadi Khel	Faqir Khel			Walnut	Potato		Goats	Hashish
39	Dadi Khel	Shaikhan			Walnut				Hashish
40	Darki Khel	Khowdai Dad Khel			Walnut	Potato Onion			Hashish
41	Darki Khel	Shaikhan			Walnut	Potato			Hashish

Appendix J: Main products produced for market in the surveyed villages of Azra district/Logar (Cont...)

S/N	Main Village	Sub Village	Cereals	Pulses	Fruits	Vegetables	Forages	Animals	Others
42	Kaswal								Fire wood
43	Kharoti	Nasratyan			Walnut	Potato			Fire wood Construction wood
44	Mangal	Arab Khel			Walnut	Potato		Goats	Fire wood
45	Mangal	Bar Klay			Walnut Apricot	Potato		Goats Sheep	
46	Mangal	Kharoti			Walnut Apricot				
47	Mangal	Loy Klay			Walnut	Potato		Sheep	Hashish
48	Mangal	Rasul Khel			Walnut	Potato			
49	Mangal	Sangar Khel			Walnut Apricot				
50	Marouf Khel	Baghuk			Walnut	Potato			
51	Marouf Khel	Gatta-aw-Derga			Walnut				
52	Marouf Khel	Kharapa			Walnut				

Appendix J: Main products produced for market in the surveyed villages of Azra district/Logar (Cont...)

S/N	Main Village	Sub Village	Cereals	Pulses	Fruits	Vegetables	Forages	Animals	Others
53	Marouf Khel	Qalagai				Potato		Goats	Fire wood
54	Marouf Khel	Seray			Walnut			Goats Sheep	
55	Marouf Khel	Shegai			Walnut Apricot	Potato		Goats Sheep	
56	Marouf Khel	Tanarai			Walnut			Goats Sheep	
57	Marouf Khel	Zera			Walnut				
58	Musa Khan	Aladin				Potato			Hashish Fire wood
59	Musa Khan	Khingay			Walnut				Hashish
60	Musa Khan	Musa Khan Klay			Walnut	Potato			Fire wood Hashish
61	Osman Khel	Dakhan Khel				Potato			Fire wood
62	Osman Khel	Main Khel			Walnut	Potato			Hashish
63	Osman Khel	Mati Khel			Walnut	Potato			Hashish

Appendix J: Main products produced for market in the surveyed villages of Azra district/Logar (Cont...)

S/N	Main Village	Sub Village	Cereals	Pulses	Fruits	Vegetables	Forages	Animals	Others
64	Raza Khel	Mar Khan Khel			Walnut	Potato			Hashish
65	Raza Khel	Mohabat Khel			Walnut	Potato			Hashish
66	Sangi Baran	Kassona				Potato			Fire wood
67	Sangi Baran	Lwar Mela				Potato			Fire wood
68	Sangi Baran	Nawo Naw				Potato Onion			Fire wood Construction wood
69	Sangi Baran	Sangi Baran				Potato		Goats Sheep	Fire wood Construction wood
70	Sangi Baran	Watch Algad				Potato			Fire wood
71	Shahin	Shahin			Walnut				Hashish Fire wood
72	Speen Jomat	Ada Klay				Potato			Fire wood
73	Speen Jomat	Jawaro Naw				Potato			Fire wood Construction wood
74	Speen Jomat	Sadel Naw							Fire wood

Appendix J: Main products produced for market in the surveyed villages of Azra district/Logar (Cont...)

S/N	Main Village	Sub Village	Cereals	Pulses	Fruits	Vegetables	Forages	Animals	Others
75	Tanga	Jano Kunj			Walnut	Potato			
76	Tanga	Noghluk			Walnut				Hashish
77	Tanga	Ragha			Walnut				
78	Tanga	Seray Khowla			Walnut				
79	Zandi Khel	Zandi Khel			Walnut	Potato			Hashish Fire wood
80	Zargana	Gul Khan Klay			Walnut				Fire wood
81	Zargana	Mulla Treen							Fire wood
82	Zargana	Uzbakyan				Potato			Fire wood

Appendix K: The status of agricultural inputs in the surveyed villages of Azra district/Logar

S/No.	Main village	Sub village	Improved seed varieties													Use of																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
			No. of farm power			Wheat					Corn					Fertilizer			Agrochemicals																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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Appendix K: The status of agricultural inputs in the surveyed villages of Azra district/Logar (Cont...)

S/No.	Main village	Sub village	No. of farm power			Improved seed varieties										Use of									
						Wheat					Corn					Fertilizer					Agrochemicals				
						Varieties					Sowing rate					Varieties					Sowing rate				
			Oxen	Tractor	Treshers	A	B	C	D	E	(S/J)	A	B	C	D	E	(S/J)	F	G	H	I	J	K	L	M
26	Chotra	Fateh Khel	2	0	0	✓	✓	-	-	-	5	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
27	Chotra	Gatta	2	0	0	✓	-	-	-	-	5	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
28	Chotra	Jalak Shaikhan	6	0	0	-	✓	-	-	-	4	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
29	Chotra	Jawara Shaikhan	6	0	0	✓	-	-	-	-	5	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
30	Chotra	Kanzar Klay	0	0	1	✓	✓	-	-	-	5	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
31	Chotra	Kuza Chotra	4	0	0	-	✓	-	✓	✓	5	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
32	Chotra	Loy Kunj	0	0	0	-	✓	-	-	-	6	-	-	-	-	-	0	✓	-	✓	-	-	-	-	-
33	Chotra	Mullayan	2	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
34	Chotra	Nawa Kunj	0	0	0	✓	✓	-	-	-	5	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
35	Chotra	Shahidan	0	1	0	✓	✓	-	-	-	6	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
36	Chotra	Sunsy	0	0	0	✓	✓	✓	-	-	5	-	-	-	-	-	2	-	✓	✓	-	-	-	-	-
37	Dadi Khel	Dadi Khel	0	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
38	Dadi Khel	Faqir Khel	1	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
39	Dadi Khel	Shaikhan	2	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
40	Darki Khel	Khowdai Dad Khel	3	0	0	✓	✓	-	-	-	5	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
41	Darki Khel	Shaikhan	3	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
42	Kaswal		0	3	2	✓	✓	-	-	-	5	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
43	Kharoti	Nasratyan	0	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
44	Mangal	Arab Khel	2	0	0	✓	✓	-	-	-	6	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
45	Mangal	Bar Klay	0	0	0	-	✓	-	-	-	5	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
46	Mangal	Kharoti	0	0	0	✓	✓	-	-	-	5	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
47	Mangal	Loy Klay	0	1	1	✓	✓	-	-	-	6	-	-	-	-	-	0	✓	✓	-	-	-	-	-	-
48	Mangal	Rasul Khel	2	0	0	✓	✓	-	-	-	6	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
49	Mangal	Sangar Khel	6	0	0	✓	-	-	-	-	4	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
50	Marouf Khel	Baghuk	6	0	0	-	✓	-	-	-	5	-	-	-	-	-	0	✓	✓	-	-	-	-	-	-

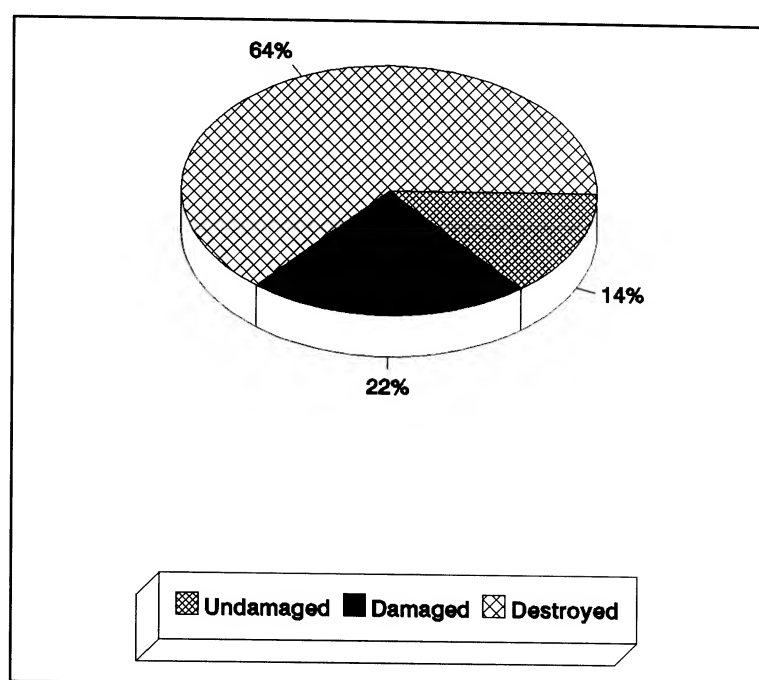


Figure 2.3: Status of houses in the district

2.3 Drinking Water Sources

Nearby rivers were reported to be the main source of drinking water, providing 43% of potable water. Piped water (20%) constitutes the second source and springs provides 14% of drinking water needs in the surveyed area. Covered wells reportedly provide 12% and canals/joy provides 11% of potable water. In addition, karez and ponds were reported as the main sources of drinking water by only one village each (see Table 2.4, Figure 2.4 and Appendix D).

Table 2.4: Drinking water sources in the surveyed villages

No. of villages surveyed	Percentage of sources used							
	River	Canal/Joy	Karez	Spring	Open Well	Covered Well	Pond	Pipe water
	%	%	%	%	%	%	%	%
83	43	11	0	14	0	12	0	20

Appendix K: The status of agricultural inputs in the surveyed villages of Azra district/Logar (Cont...)

S/No.	Main village	Sub village	No. of farm power			Improved seed varieties										Use of									
						Wheat					Corn					Fertilizer					Agrochemicals				
						Varieties					Sowing rate					Varieties					Sowing rate				
			Oxen	Tractor	Treshers	A	B	C	D	E	(S/J)	A	B	C	D	E	(S/J)	F	G	H	I	J	K	L	M
51	Marouf Khel	Gatta-aw-Derga	2	0	0	-	-	✓	-	-	3	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
52	Marouf Khel	Kharapa	3	0	0	-	✓	-	-	-	4	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
53	Marouf Khel	Kundi Khowla	8	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
54	Marouf Khel	Qalagai	10	0	0	-	-	✓	-	-	4	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
55	Marouf Khel	Seray	12	0	0	-	✓	-	-	-	5	-	-	-	-	-	0	✓	✓	-	-	-	-	-	-
56	Marouf Khel	Shegai	4	0	0	✓	✓	-	-	-	4	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
57	Marouf Khel	Tanarai	2	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
58	Marouf Khel	Zera	2	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
59	Musa Khan	Aladin	0	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
60	Musa Khan	Khingay	0	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
61	Musa Khan	Musa Khan Klay	0	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
62	Osman Khel	Dakhan Khel	2	0	0	-	-	✓	-	-	5	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
63	Osman Khel	Main Khel	4	0	0	-	✓	-	-	-	5	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
64	Osman Khel	Mati Khel	2	0	0	-	✓	-	-	-	6	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
65	Raza Khel	Mar Khan Khel	0	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
66	Raza Khel	Mohabat Khel	0	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
67	Sangi Baran	Kassona	0	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
68	Sangi Baran	Lwar Mela	0	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	-	-	-
69	Sangi Baran	Nawo Naw	0	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
70	Sangi Baran	Sangi Baran	0	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
71	Sangi Baran	Watch Algad	0	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	-	-	-
72	Shahin	Shahin	2	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
73	Speen Jomat	Ada Klay	0	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	-	-	-
74	Speen Jomat	Jawaro Naw	0	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	-	-	-
75	Speen Jomat	Sadel Naw	0	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	-	-	-	-	-	-

Appendix K: The status of agricultural inputs in the surveyed villages of Azra district/Logar (Cont...)

S/No.	Main village	Sub village	No. of farm power			Improved seed varieties										Use of									
						Wheat					Corn					Fertilizer					Agrochemicals				
						Varieties					Sowing rate					Varieties					Sowing rate				
			Oxen	Tractor	Treshers	A	B	C	D	E	(S/J)	A	B	C	D	E	(S/J)	F	G	H	I	J	K	L	M
76	Tanga	Jano Kunj	4	0	0	✓	-	-	-	-	5	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
77	Tanga	Noghluk	14	0	0	✓	✓	-	-	-	5	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
78	Tanga	Ragha	4	0	0	✓	✓	-	-	-	4	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
79	Tanga	Seray Khowla	4	0	0	-	✓	-	-	-	5	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
80	Zandi Khel	Zandi Khel	2	0	0	✓	-	-	-	-	4	-	-	-	-	-	0	✓	✓	-	-	-	-	-	-
81	Zargana	Gul Khan Klay	0	0	0	-	✓	-	-	-	5	-	-	-	-	-	0	✓	✓	✓	-	-	-	-	-
82	Zargana	Mulla Treen	0	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-
83	Zargana	Uzbakyan	0	0	0	-	-	-	-	-	0	-	-	-	-	-	0	-	✓	✓	-	-	-	-	-

Wheat Varieties:

A = HD2285

B = ATTAY-85

C = PS-85

D = INQELAB-91

E = PAMIR-94

Fertilizer:

F = DAP

G = UREA

H = NITROPHAS

Appendix L: Illicit crop production in the surveyed villages of Azra district/Logar

S/N	Main Village	Sub Village	Opium poppy		Hashish	
			Area cultivated (Jerib)	Yield (kg/J)	Area cultivated (Jerib)	Yield (kg/J)
1	Chotra	Amaroot	0	0	5	15
2	Dadi Khel	Dadi Khel	0	0	50	18
3	Dadi Khel	Faqir Khel	0	0	25	16
4	Dadi Khel	Shaikhan	0	0	25	16
5	Darki Khel	Shaikhan	0	0	35	16
6	Kharoti	Nasratyan	0	0	12	16
7	Mangal	Arab Khel	0	0	65	14
8	Mangal	Loy Klay	0	0	6	21
9	Marouf Khel	Baghuk	0	0	6	20
10	Marouf Khel	Kharapa	3	0	0	0
11	Marouf Khel	Qalagai	10	0	0	0
12	Marouf Khel	Shegai	6	0	0	0
13	Marouf Khel	Tanarai	10	0	0	0
14	Marouf Khel	Zera	0	0	2	12
15	Musa Khan	Aladin	0	0	10	20
16	Musa Khan	Khingay	0	0	10	14
17	Musa Khan	Musa Khan Klay	0	0	10	14
18	Osman Khel	Main Khel	0	0	15	12
19	Osman Khel	Mati Khel	0	0	6	14
20	Raza Khel	Mar Khan Khel	0	0	10	15
21	Raza Khel	Mohabat Khel	0	0	15	20
22	Shahin	Shahin	0	0	12	18
23	Tanga	Noghluk	0	0	2	18
24	Zandi Khel	Zandi Khel	0	0	2	10

Appendix M: The status of livestock and poultry in the surveyed villages of Azra district/Logar

S/N	Main Village	Sub Village	No. of cattle except oxen	No. of sheeps+ goats	No. of camels	No. of chicken/ family	Improved chicken breeds					
							% of improved chicken	Do they like it	No. to buy	Reason for not buying		
										A	B	C
1	Akbar Khel	Allah Khan Khel	0	3	0	10	0	Y	20	-	-	-
2	Akbar Khel	Aman Khel	20	40	0	8	0	Y	5	-	-	-
3	Akbar Khel	Hamza Khel	30	40	0	10	0	Y	8	-	-	-
4	Akbar Khel	Khoram Khel	34	150	0	10	0	Y	5	-	-	-
5	Akbar Khel	Namdar Khel	5	6	0	5	0	Y	10	-	-	-
6	Akbar Khel	Nasrat Khel	1	0	0	15	0	Y	20	-	-	-
7	Akbar Khel	Nazar Khel	15	200	2	6	0	Y	5	-	-	-
8	Akbar Khel	Nor Khan Khel	2	13	0	6	0	Y	10	-	-	-
9	Akbar Khel	Saleh Khel	15	5	0	5	0	Y	6	-	-	-
10	Akbar Khel	Tanga Usof	9	14	0	8	0	Y	10	-	-	-
11	Akbar Khel	Toori Khel	1	0	0	6	0	Y	10	-	-	-
12	Baber	Haroon Khel	25	310	0	10	0	Y	15	-	-	-
13	Baber	Kerery	9	8	0	15	0	Y	8	-	-	-
14	Baber	Khoshal Khel	5	23	0	10	0	Y	5	-	-	-
15	Baber	Kuza Qala	2	40	0	10	0	Y	15	-	-	-
16	Baber	Loy Klay	6	7	0	10	0	Y	20	-	-	-
17	Baber	Ragha	7	20	0	10	0	Y	5	-	-	-
18	Baber	Salem Khel	16	20	0	10	0	Y	5	-	-	-
19	Baber	Sur Kas	10	150	0	10	0	Y	5	-	-	-
20	Chotra	Akor Khel	5	94	0	0	7	Y	20	-	-	-
21	Chotra	Amaroot	6	90	0	10	0	Y	8	-	-	-
22	Chotra	Angur Kunj	4	60	0	5	1	Y	2	-	-	-
23	Chotra	Arkh Klay	40	200	0	8	0	Y	6	-	-	-
24	Chotra	Asphano Kas	16	9	0	10	0	Y	5	-	-	-
25	Chotra	Baghcha	16	24	0	6	0	Y	5	-	-	-

Appendix M: The status of livestock and poultry in the surveyed villages of Azra district/Logar (Cont ...)

S/N	Main Village	Sub Village	No. of cattle except oxen	No. of sheeps+ goats	No. of camels	No. of chicken/ family	Improved chicken breeds					
							% of improved chicken	Do they like it	No. to buy	Reason for not buying		
										A	B	C
26	Chotra	Fateh Khel	5	12	0	10	0	Y	8	-	-	-
27	Chotra	Gatta	8	100	0	6	0	Y	5	-	-	-
28	Chotra	Jalak Shaikhan	30	200	0	5	0	Y	7	-	-	-
29	Chotra	Jawara Shaikhan	14	250	0	8	0	Y	5	-	-	-
30	Chotra	Kanzar Klay	35	110	0	10	0	Y	10	-	-	-
31	Chotra	Kuza Chotra	30	650	0	10	0	Y	10	-	-	-
32	Chotra	Loy Kunj	19	90	0	3	0	Y	6	-	-	-
33	Chotra	Mullayan	4	15	0	7	0	Y	10	-	-	-
34	Chotra	Nawa Kunj	30	105	0	10	0	Y	10	-	-	-
35	Chotra	Shahidan	12	30	0	10	0	Y	8	-	-	-
36	Chotra	Sunsy	8	14	0	8	0	Y	10	-	-	-
37	Dadi Khel	Dadi Khel	4	320	0	20	0	Y	20	-	-	-
38	Dadi Khel	Faqir Khel	0	30	0	5	0	Y	20	-	-	-
39	Dadi Khel	Shaikhan	37	195	0	15	0	Y	10	-	-	-
40	Darki Khel	Khowdai Dad Khel	12	80	0	10	0	Y	10	-	-	-
41	Darki Khel	Shaikhan	38	340	0	12	0	Y	10	-	-	-
42	Kaswal	-	40	135	0	8	0	Y	20	-	-	-
43	Kharoti	Nasratyan	6	10	0	20	0	Y	10	-	-	-
44	Mangal	Arab Khel	25	320	0	10	0	Y	5	-	-	-
45	Mangal	Bar Klay	40	300	0	10	0	Y	5	-	-	-
46	Mangal	Kharoti	5	40	0	4	0	Y	6	-	-	-
47	Mangal	Loy Klay	38	205	0	15	0	Y	10	-	-	-
48	Mangal	Rasul Khel	26	30	0	15	0	Y	50	-	-	-
49	Mangal	Sangar Khel	4	50	0	7	0	Y	5	-	-	-
50	Marouf Khel	Baghuk	16	600	0	5	0	Y	10	-	-	-

Appendix M: The status of livestock and poultry in the surveyed villages of Azra district/Logar (Cont ...)

S/N	Main Village	Sub Village	No. of cattle except oxen	No. of sheeps+ goats	No. of camels	No. of chicken/ family	Improved chicken breeds					
							% of improved chicken	Do they like it	No. to buy	Reason for not buying		
										A	B	C
51	Marouf Khel	Gatta-aw-Derga	0	17	0	3	0	Y	5	-	-	-
52	Marouf Khel	Kharapa	15	100	0	5	0	Y	6	-	-	-
53	Marouf Khel	Kundi Khowla	23	26	0	7	0	Y	4	-	-	-
54	Marouf Khel	Qalagai	75	650	0	10	0	Y	10	-	-	-
55	Marouf Khel	Seray	50	900	0	12	0	Y	15	-	-	-
56	Marouf Khel	Shegai	13	90	0	10	0	Y	6	-	-	-
57	Marouf Khel	Tanarai	40	200	0	10	0	Y	10	-	-	-
58	Marouf Khel	Zera	14	2500	0	8	0	Y	10	-	-	-
59	Musa Khan	Aladin	8	16	0	9	0	Y	20	-	-	-
60	Musa Khan	Khingay	1	0	0	0	0	Y	10	-	-	-
61	Musa Khan	Musa Khan Klay	0	0	0	10	0	Y	8	-	-	-
62	Osman Khel	Dakhan Khel	16	30	0	10	0	Y	10	-	-	-
63	Osman Khel	Main Khel	6	14	0	20	0	Y	10	-	-	-
64	Osman Khel	Mati Khel	5	80	0	20	0	Y	10	-	-	-
65	Raza Khel	Mar Khan Khel	7	60	0	15	0	Y	20	-	-	-
66	Raza Khel	Mohabat Khel	10	70	0	10	0	Y	10	-	-	-
67	Sangi Baran	Kassona	19	350	0	10	0	Y	15	-	-	-
68	Sangi Baran	Lwar Mela	6	20	0	10	0	Y	10	-	-	-
69	Sangi Baran	Nawo Naw	0	20	0	5	0	Y	10	-	-	-
70	Sangi Baran	Sangi Baran	25	300	1	8	0	Y	20	-	-	-
71	Sangi Baran	Watch Algad	2	60	0	12	0	Y	15	-	-	-
72	Shahin	Shahin	4	3	0	3	0	Y	20	-	-	-
73	Speen Jomat	Ada Klay	9	60	0	25	0	Y	5	-	-	-
74	Speen Jomat	Jawaro Naw	10	50	0	20	0	Y	15	-	-	-
75	Speen Jomat	Sadel Naw	3	5	0	10	0	Y	6	-	-	-

Appendix M: The status of livestock and poultry in the surveyed villages of Azra district/Logar (Cont ...)

S/N	Main Village	Sub Village	No. of cattle except oxen	No. of sheeps+ goats	No. of camels	No. of chicken/ family	Improved chicken breeds					
							% of improved chicken	Do they like it	No. to buy	Reason for not buying		
										A	B	C
76	Tanga	Jano Kunj	12	40	0	15	0	Y	5	-	-	-
77	Tanga	Noghluk	40	1800	0	10	0	N	0	✓	✓	✓
78	Tanga	Ragha	16	72	0	12	0	Y	10	-	-	-
79	Tanga	Seray Khowla	10	250	0	10	0	Y	20	-	-	-
80	Zandi Khel	Zandi Khel	8	10	0	7	0	Y	5	-	-	-
81	Zargana	Gul Khan Klay	7	0	0	7	0	Y	10	-	-	-
82	Zargana	Mulla Treen	22	200	0	6	0	Y	4	-	-	-
83	Zargana	Uzbakyan	14	25	0	5	0	Y	10	-	-	-

A = Lack of chicken feed

B = Road problem

C = No marketing

Appendix N1: The status of canal/stream in the surveyed villages of Azra district/Logar

[illegible]

Appendix N1: The status of canal/stream in the surveyed villages of Azra district/Logar (Cont...)

S/N	Main Village	Sub Village	Canal/Stream				Activities needed for normal flow				Water shortage period		Reasons for irrigation water shortage									
			No. serve the village	% of land irrigated	Flow status																	
					Normal	Abnormal	A	B	C	D	From	To	E	F	G	H	I	J	K			
26	Chotra	Fateh Khel	1	100	-	Y	-	-	-	Construction of syphon				-	-	-	-	-	-	-	-	-
27	Chotra	Gatta	3	100	-	Y	-	✓	✓					-	-	-	-	-	-	-	-	
28	Chotra	Jalak Shaikhan	2	100	-	Y	✓	✓	-					JUL	OCT	✓	-	-	-	-	-	-
29	Chotra	Jawara Shaikhan	2	100	-	Y	✓	✓	-					JUL	NOV	✓	-	-	-	-	-	-
30	Chotra	Kanzar Klay	1	100	-	Y	✓	-	-					-	-	-	-	-	-	-	-	-
31	Chotra	Kuza Chotra	2	70	-	Y	-	-	✓	Construction of aqueduct				-	-	-	-	-	-	-	-	-
32	Chotra	Loy Kunj	1	100	-	Y	-	✓	-					-	-	-	-	-	-	-	-	-
33	Chotra	Mullayan	5	100	-	Y	-	✓	-					-	-	-	-	-	-	-	-	-
34	Chotra	Nawa Kunj	1	100	-	Y	✓	✓	-					-	-	-	-	-	-	-	-	-
35	Chotra	Shahidan	3	100	-	Y	-	✓	✓					-	-	-	-	-	-	-	-	-
36	Chotra	Sunsy	2	100	-	Y	-	✓	✓					-	-	-	-	-	-	-	-	-
37	Dadi Khel	Dadi Khel	6	100	-	Y	-	✓	-	Construction of aqueduct				-	-	-	-	-	-	-	-	-
38	Dadi Khel	Faqir Khel	5	80	-	Y	-	✓	✓					-	-	-	-	-	-	-	-	-
39	Dadi Khel	Shaikhan	6	100	-	Y	-	✓	-					JUN	JUL	-	-	-	-	-	-	✓
40	Darki Khel	Khowdai Dad Khel	3	100	-	Y	-	✓	-					-	-	-	-	-	-	-	-	-
41	Darki Khel	Shaikhan	6	100	Y	-	-	-	-					-	-	-	-	-	-	-	-	-
42	Kaswal	-	8	100	-	Y	-	✓	✓	Construction of syphon				-	-	-	-	-	-	-	-	-
43	Kharoti	Nasratyan	2	100	-	Y	-	✓	-					-	-	-	-	-	-	-	-	-
44	Mangal	Arab Khel	4	100	-	Y	✓	✓	-					JUN	SEP	✓	-	-	-	-	-	✓
45	Mangal	Bar Klay	6	90	Y	-	-	-	-					-	-	-	-	-	-	-	-	-
46	Mangal	Kharoti	3	100	-	Y	✓	✓	-					JUL	OCT	✓	-	-	-	-	-	✓
47	Mangal	Loy Klay	3	100	-	Y	-	✓	✓					-	-	-	-	-	-	-	-	-
48	Mangal	Rasul Khel	4	100	Y	-	-	-	-					-	-	-	-	-	-	-	-	-
49	Mangal	Sangar Khel	5	100	Y	-	-	-	-					-	-	-	-	-	-	-	-	-
50	Marouf Khel	Baghuk	5	100	-	Y	-	✓	✓					-	-	-	-	-	-	-	-	-

Appendix N1: The status of canal/stream in the surveyed villages of Azra district/Logar (Cont...)

S/N	Main Village	Sub Village	Canal/Stream				Activities needed for normal flow				Water shortage period		Reasons for irrigation water shortage							
			No. serve the village	% of land irrigated	Flow status															
					Normal	Abnormal	A	B	C	D	From	To	E	F	G	H	I	J	K	
51	Marouf Khel	Gatta-aw-Derga	3	100	-	Y	-	✓	✓	-	-	-	-	-	-	-	-	-	-	
52	Marouf Khel	Kharapa	2	100	-	Y	-	✓	-	-	-	-	-	-	-	-	-	-	-	
53	Marouf Khel	Kundi Khowla	4	100	-	Y	-	✓	✓	-	-	-	-	-	-	-	-	-	-	
54	Marouf Khel	Shegai	2	100	-	Y	-	✓	✓	-	-	-	-	-	-	-	-	-	-	
55	Marouf Khel	Tanarai	4	100	-	Y	-	✓	-	-	JUL	OCT	✓	-	-	-	-	-	-	
56	Marouf Khel	Zera	12	100	-	Y	✓	-	-	-	JUL	OCT	✓	-	-	-	-	-	-	
57	Musa Khan	Aladin	3	70	-	Y	-	✓	✓	-	SEP	NOV	-	-	✓	-	-	-	-	
58	Musa Khan	Khingay	2	100	-	Y	-	-	-	Construction of syphon	-	-	-	-	-	-	-	-	-	
59	Musa Khan	Musa Khan Klay	3	100	-	Y	✓	✓	✓		-	-	-	-	-	-	-	-	-	-
60	Osmān Khel	Dakhan Khel	6	100	-	Y	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	
61	Osman Khel	Main Khel	5	100	-	Y	-	-	✓	-	-	-	-	-	-	-	-	-	-	
62	Osman Khel	Mati Khel	5	100	-	Y	-	-	✓	-	-	-	-	-	-	-	-	-	-	
63	Raza Khel	Mar Khan Khel	5	100	-	Y	-	✓	✓	-	JUL	OCT	✓	-	-	-	-	-	-	
64	Raza Khel	Mohabat Khel	5	100	-	Y	-	✓	✓	-	JUL	OCT	✓	-	-	-	-	-	-	
65	Sangi Baran	Kassona	8	90	-	Y	-	✓	✓	-	-	-	-	-	-	-	-	-	-	
66	Sangi Baran	Lwar Mela	2	100	-	Y	✓	✓	✓	-	-	-	-	-	-	-	-	-	-	
67	Sangi Baran	Sangi Baran	4	65	-	Y	-	✓	-	Construction of syphon	-	-	-	-	-	-	-	-	-	
68	Sangi Baran	Watch Algad	15	80	-	Y	✓	✓	✓		-	AUG	OCT	-	-	✓	-	-	-	✓
69	Shahin	Shahin	6	100	-	Y	-	✓	✓	Construction of syphon	-	-	-	-	-	-	-	-	-	
70	Speen Jomat	Ada Klay	4	90	-	Y	-	✓	-		-	JUL	OCT	✓	-	-	-	-	-	-

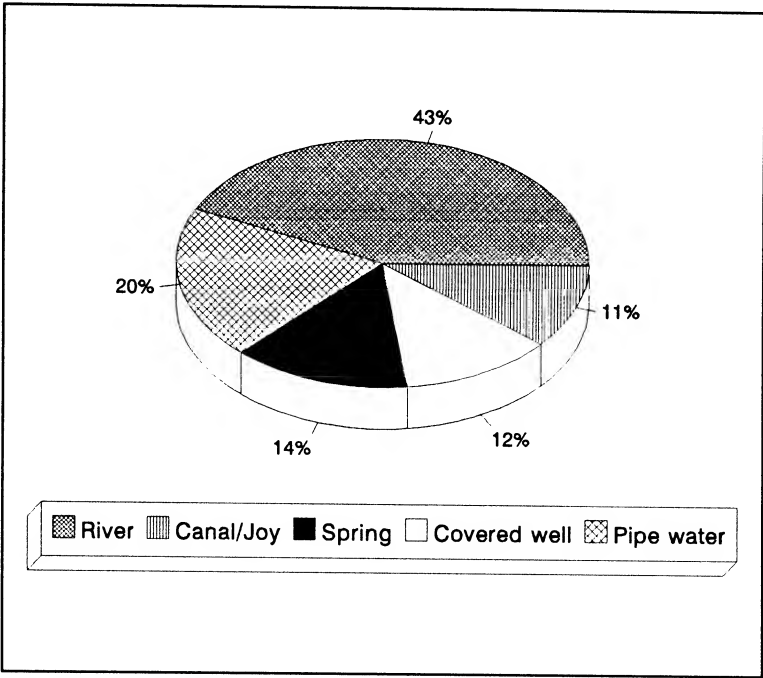


Figure 2.4: Drinking water sources

In 51% of surveyed villages the distance from main drinking water sources was less than 200 meters. 25% of surveyed villages are as far as 400-600 meters from drinking water sources. Only 6% of surveyed villages are located at a distance of more than 800 meters from the main drinking water source (see Table 2.5, Figure 2.5 and Appendix D).

Table 2.5: Distance of main drinking water source from villages (in metres)

No. of villages surveyed	Percentage of villages in each range				
	<=200	201-400	401-600	601-800	>800
83	51	16	25	2	6

Appendix N1: The status of canal/stream in the surveyed villages of Azra district/Logar (Cont...)

S/N	Main Village	Sub Village	Canal/Stream				Activities needed for normal flow				Water shortage period		Reasons for irrigation water shortage							
			No. serve the village	% of land irrigated	Flow status															
					Normal	Abnormal	A	B	C	D	From	To	E	F	G	H	I	J	K	
71	Speen Jomat	Sadel Naw	2	100	Y	-	-	-	-	-	-	-	-	-	-	-	-	-		
72	Tanga	Jano Kunj	3	100	-	Y	-	✓	-	-	-	-	-	-	-	-	-	-		
73	Tanga	Ragha	4	100	-	Y	-	✓	✓	-	-	-	-	-	-	-	-	-		
74	Tanga	Seray Khowla	6	100	-	Y	-	✓	✓	-	-	-	-	-	-	-	-	-		
75	Zandi Khel	Zandi Khel	3	100	-	Y	✓	✓	✓	-	-	-	-	-	-	-	-	-		
A = Canal cleaning			E = Reduction of water flow				I = Canal damaged													
B = Repairing of related structures			F = Diversion dam damaged				J = Karez damaged													
C = Construction of diversion dam			G = Lack of reservoir				K = Penetration													
D = Other			H = Tunnel damaged																	

Appendix N2: The status of karez in the surveyed villages of Azra district/Logar

S/N	Main Village	Sub Village	Karez				Activities needed for normal flow				Water shortage period		Reasons for irrigation water shortage							
			No. serve the village	% of land irrigated	Flow status															
					Normal	Abnormal														
							A	B	C	D	From	To	E	F	G	H	I	J	K	
1	Mangal	Kharoti	1	0	-	Y	✓	✓	-	-	JUL	OCT	✓	-	-	-	-	-	-	✓
2	Marouf Khel	Seray	1	20	-	Y	-	-	✓	Construction of reservoir		JUL	AUG	✓	-	-	-	-	-	-

A = Cleaning of Karez channel
 B = Cleaning of Karez wells
 C = Extention of Karez channel
 D = Other

E = Reduction of water flow
 F = Diversion dam damaged
 G = Lack of reservoir
 H = Tunnel damaged

I = Canal damaged
 J = Karez damaged
 K = Penetration

Appendix N3: The status of spring in the surveyed villages of Azra district/Logar

S/N	Main Village	Sub Village	Spring		Water shortage period		Reasons for irrigation water shortage						
			No. serve the village	% of land irrigated	From	To	A	B	C	D	E	F	G
1	Akbar Khel	Saleh Khel	1	20	JUL	OCT	✓	-	-	-	-	-	✓
2	Baber	Kerery	2	40	-	-	-	-	-	-	-	-	-
3	Baber	Loy Klay	8	30	-	-	✓	-	-	-	-	-	-
4	Chotra	Akor Khel	1	20	-	-	-	-	-	-	-	-	-
5	Chotra	Asphano Kas	3	30	JUN	OCT	-	-	✓	-	-	-	-
6	Chotra	Kuza Chotra	3	30	-	-	-	-	-	-	-	-	-
7	Dadi Khel	Faqir Khel	3	20	-	-	-	-	-	-	-	-	-
8	Mangal	Bar Klay	2	10	-	-	-	-	-	-	-	-	-
9	Marouf Khel	Qalagai	4	100	JUL	NOV	✓	-	-	-	-	-	✓
10	Marouf Khel	Seray	13	80	JUL	AUG	✓	-	-	-	-	-	-
11	Musa Khan	Aladin	1	30	SEP	NOV	-	-	✓	-	-	-	-
12	Sangi Baran	Kassona	3	10	-	-	-	-	-	-	-	-	-
13	Sangi Baran	Nawo Naw	3	100	JUL	NOV	✓	-	-	-	-	-	-
14	Sangi Baran	Sangi Baran	5	35	-	-	-	-	-	-	-	-	-
15	Sangi Baran	Watch Algad	2	20	AUG	OCT	-	-	✓	-	-	-	✓
16	Speen Jomat	Ada Klay	1	10	JUL	OCT	✓	-	-	-	-	-	-
17	Speen Jomat	Jawaro Naw	2	100	JUL	OCT	✓	-	-	-	-	-	-
18	Tanga	Noghluk	2	100	OCT	NOV	-	-	-	-	-	-	✓
19	Zargana	Gul Khan Klay	6	100	AUG	OCT	-	-	✓	-	-	-	✓
20	Zargana	Mulla Treen	8	100	JUN	JUL	✓	-	-	-	-	-	✓
21	Zargana	Uzbakyan	8	100	JUL	OCT	✓	-	-	-	-	-	✓

A = Reduction of water flow

B = Diversion dam damaged

C = Lack of reservoir

D = Tunnel damaged

E = Canal damaged

F = Karez damaged

G = Penetration

Appendix O: The status of land mine in the surveyed villages of Azra district/Logar

S/No.	Main village	Sub village	Mine locations							No. of people died in the village	No. of disabled people in the village	No. of animals died in the village
			in the houses	in the roads	in the agricultural land	in the irrigation system	in the forest near to the village	in the grazing land near to the village	Other			
1	Baber	Haroon Khel	-	-	-	-	✓	-	-	0	0	0
2	Baber	Khoshal Khel	✓	-	-	-	-	-	-	0	0	0
3	Baber	Salem Khel (*)	-	-	-	-	-	-	-	2	0	4
4	Chotra	Asphano Kas	-	-	-	✓	-	-	✓	0	0	0
5	Kaswal		-	-	-	-	✓	-	-	0	0	3
6	Mangal	Bar Klay	-	-	-	-	✓	✓	-	0	2	0
7	Mangal	Loy Klay (*)	-	-	-	-	-	-	-	0	1	0
8	Mangal	Rasul Khel	-	-	✓	-	-	-	-	2	3	6
9	Marouf Khel	Kundi Khowla	-	-	-	-	✓	✓	-	4	3	70
10	Marouf Khel	Seray	-	-	-	-	-	-	✓	0	0	0
11	Marouf Khel	Zera	-	-	-	-	-	✓	-	3	0	3
12	Sangi Baran	Kassona	-	-	-	-	✓	-	-	0	0	14
13	Sangi Baran	Sangi Baran	-	-	-	-	✓	-	-	0	0	8
14	Sangi Baran	Watch Algad	-	-	-	-	✓	-	-	0	0	0
15	Zargana	Gul Khan Klay	-	-	-	-	✓	-	-	0	0	0
16	Zargana	Mulla Treen	✓	-	-	-	-	-	-	0	0	0

Other= (Former base of Mujahideen and Near to graveyard)

(*) The existence of mine was not reported at the survey time.

Appendix P: Market location and market prices in the surveyed villages of Azra district/Logar

S/No.	Main village	Sub village	Food item		
			Name	Unit	Price
1.	Baber	Kuza Qala	Wheat	seer	50000
			Maize	seer	40000
			Rice	seer	60000
			Sugar	seer	100000
			Green tea	kg	70000
			Black tea	kg	80000
			Bean	seer	175000
			Pea	kg	22000
			Salt	seer	8000
			Brown sugar	seer	104000
2.	Mangal	Rasul Khel	Wheat	seer	56000
			Ghee	kg	27000
			Green tea	kg	65000
			Salt	seer	12000
			Sugar	seer	91000
			Rice	seer	63000
			Pea (Dal)	kg	7500
3.	Marouf Khel	Shegai	Wheat	seer	50000
			Maize	seer	30000
			Rice	seer	80000
			Bean	seer	110000
			Sugar	seer	112000
			Green tea	kg	70000
			Black tea	kg	75000
			Ghee	kg	30000
			Brown sugar	seer	128000
			Raisin	kg	25000
			Pea	kg	20000
			Walnut	seer	100000
			Peanut	seer	800000
			Flour	seer	60000
4.	Sangi Baran	Sangi Baran	Rice	seer	60000
			Sugar	seer	100000
			Green tea	kg	70000
			Black tea	kg	80000
			Bean	seer	175000
			Pea	kg	22000
			Salt	seer	8000
			Wheat	seer	60000
			Flour	seer	80000
			Lentil	seer	100000
5.	Speen Jomat	Ada Klay	Pea (Dal)	kg	11500
			Rice	seer	120000
			Sugar	seer	120000
			Green tea	kg	80000
			Black tea	kg	95000
			Ghee	kg	35000

Appendix P: Market location and market prices in the surveyed villages of Azra district/Logar (Cont...)

S/No.	Main village	Sub village	Item name	Specification	Afs./unit
1.	Baber	Kuza Qala	Urea	50 kg bag	350000
			Nitrophas	50 kg bag	370000
			Wooden beam	6 meter	450000
			Dastak	4.5-5 meter	200000
			Fire wood	Archa/seer	2500
			Diesel	1 litre	10000
			Kerosene	1 litre	9000
2.	Mangal	Rasul Khel	Urea	50 kg bag	291000
			Nitrophas	50 kg bag	392000
			Wooden beam	5 meter	150000
			Wooden door	0.8/1.8 meter	500000
			Wooden window	2/1.5 meter	1000000
			Fire wood	Archa/seer	3000
			Kerosene	1 litre	10000
3.	Marouf Khel	Shegai	Urea	50 kg bag	350000
			Nitrophas	50 kg bag	320000
			Wooden beam	6 meter	400000
			Dastak	5-6 meter	200000
			Wooden door	1.5-2.5 meter	350000
			Wooden window	1-1.5 meter	200000
			Fire wood	Lmanza/seer	4000
			Kerosene	1 litre	13000
4.	Sangi Baran	Sangi Baran	Urea	50 kg bag	350000
			Nitrophas	50 kg bag	370000
			Wooden beam	6 meter	450000
			Dastak	4.5-5 meter	200000
			Fire wood	Archa/seer	2500
			Diesel	1 litre	10000
			Kerosene	1 litre	9000
5.	Speen Jomat	Ada Klay	Wooden beam	6 meter	200000
			Dastak	6 meter	125000
			Fire wood	Archa/seer	2500
			Kerosene	1 litre	15000

Appendix Q: NGO activities in Azra district/Logar

Name of NGO	Activity	Location	Project Status
AGTTP	Construction of school	Sangi Baran	Ongoing
AGTTP	Construction of school	Mangal	Ongoing
AGTTP	Construction of school	Tanga	Ongoing
AGTTP	Construction of clinic	Sangi Baran	Ongoing
AGTTP	Construction of clinic	Sangi Baran	Ongoing
AGTTP	Construction of clinic	Tanga	Ongoing
BDA	Construction of school	Akbar Khel	Ongoing
BDA	Construction of school	Musa Khan Klay	Ongoing
BDA	Construction of clinic	Musa Khan Klay	Ongoing
BDA	Construction of clinic	Akbar Khel	Ongoing
FAO	Fruit nursery	Osman Khel	Ongoing
FAO	Fruit nursery	Baber	Ongoing
FAO	Fruit nursery	Chotra	Ongoing
FAO	Fruit nursery	Mangal	Ongoing
GAF	Animal clinic	Baber	Ongoing
HABITAT	Water supply (wells)	Chotra	Completed
HABITAT	Water supply (wells)	Mangal	Completed
HABITAT	Water supply (wells)	Kharooty	Completed
HABITAT	Water supply (wells)	Musa Khan	Completed
HABITAT	Water supply (wells)	Osman Khel	Completed
ISRA	Distribution of fertilizer and improved wheat seed	All Villages	Ongoing
RDA	Construction of school	Chotra	Ongoing
SCA	Health clinic	Kaswal	Ongoing
WROR	Water supply (pipe water)	Baber	Completed
WROR	Water supply (pipe water)	Akbar Khel	Completed

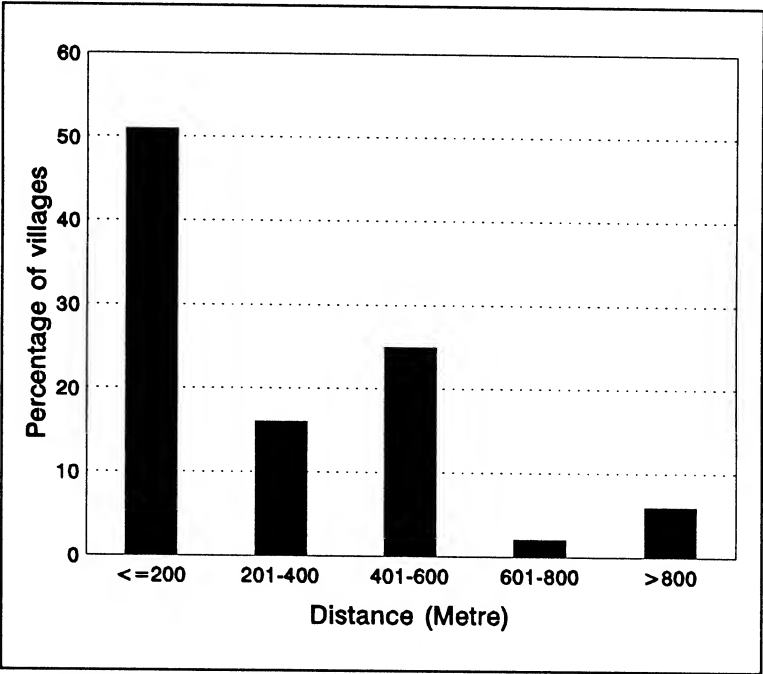


Figure 2.5: Distance of drinking water sources from the villages (Meter)

2.4 Distance from District Center

40% of surveyed villages are located at a distance of 5 kms or less from the district center while 31% are 6-10 kms and 28% are 11-15 kms distant from the district center (see Table 2.6, Figure 2.6 and Appendix E).

Table 2.6: Distance of surveyed villages from district center (kms)

No. of villages surveyed	% of villages in each range			
	<=5	6-10	11-15	20
83	40	31	28	1

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SUMMARY AND CONCLUSIONS

The United Nations Office for Project Services/Afghanistan Rural Rehabilitation Programme (UNOPS/ARRP) commissioned the Baseline Survey to the Agency Coordinating Body for Afghan Relief, Survey Unit (ACBAR/ASU) to provide basic information about target areas. The secondary goal of the survey was to enable UN and other development agencies to better target rehabilitation programmes in Afghanistan. The survey is the most systematic attempt so far in identifying the most urgent needs and tracking repatriation to particular areas in Afghanistan.

The United Nations has selected both Azra and Sarobi for focused assistance due to potential high refugee return to these districts as verified by UNHCR with refugee community representatives in camps in Pakistan.

The survey was conducted during November - December 1997 in order to provide baseline data about population and shelter status, repatriation, health and education facilities, existence of land mines, agricultural production and productivity, illicit crop production, livestock and poultry, type and status of irrigation systems and income generation activities (see Appendix B).

Survey data was gathered on a village basis through group interviews with village and tribal elders, landowners, and other important and knowledgeable individuals.

The results of the survey are as follows:

General Information

- It was found that there are 106 villages in Azra district, out of which 23 were abandoned. The information presented in this report mainly indicates the situation of 83 surveyed villages where people were living during the time of survey.
- On the basis of this survey, total number of families living in Azra district at the time of survey was 774, (average 9 per family), thus the total population of the surveyed area during time of survey was estimated at 6,966. All are Pashtuns distributed in 4 main khels (clans) and about 29 sub-khels (clans). The highest percentage (66%) of surveyed villages had 10 families or less, while only one village, Aman Khel/Akbar Khel, had 40 families. In 57% of surveyed villages, average number of people per household was between 7 and 9.
- Of the 2,866 houses reported in the surveyed area, only 14% were undamaged, while the majority (64%) of houses were destroyed. The rest (22%) were damaged.
- The nearby river was reported to be the main source (43%) of drinking water, followed by piped water (20%) springs, covered wells and canals/joys which supply 14%, 12% and 11% of drinking water needs in the surveyed area, respectively. 51% of surveyed

villages are located at a distance of less than 200 meters, and 6% at a distance of more than 800 meters from the main source of drinking water.

- 40% of surveyed villages are located at a distance of less than 5 kms from the district center, while 31% are between 6-10 kms and 28% between 11-15 kms away. The 23 abandoned villages are located at a distance of 2.5 - 30 kms from the district center.
- Of 83 surveyed villages, 68 villages have access roads which are not graveled. 15 villages have no access road at all. 13% of such villages are situated at a distance of 8-9 km from the nearest access road.
- Means of transportation used by surveyed villages included motor vehicles (63%), donkeys (32%), horses (3%) and mules (2%).

Repatriation

- A total of 2,729 families in the surveyed area have been refugees at some time in the past two decades and a further 796 families have been internally displaced. At the time of survey a total of 772 families had returned, but 3,301 families were still living across the border as refugees and 999 families were still displaced. Only two families in the whole surveyed area have never left their villages. The number of families still living as refugees is greater than the number of families shown as having been refugees at some point in the past. This discrepancy is due to the fact that many pre-war families have proliferated into several new families during the 18-year interim.
- Based on the number of replies, the main problems facing repatriate refugees were 1) lack of houses (99%), 2) unemployment (95%), 3) little land ownership (66%)

Health

- Out of 7 health clinics reported in the surveyed area, only 1 clinic located in Kaswal village was functioning. The clinic had 1 doctor and 3 nurses. The buildings of other health clinics were under construction.
- (32%) of villages in the surveyed area were situated as far as 5-8 kms away from the health clinic, 23% were 13 - 16 kms and 22% of villages were less than 4 kms away from the clinic. 4% were located at a distance of more than 16 kms from the health clinic.

Education

- Of the 5 schools reported in the surveyed area, none of them were attended by students. At the time of survey the buildings of the schools were under construction. One madrasa with 50 students was reported in Loy Kalay/Baber village.

Agriculture

- Of a total of 921 hectares arable land in the surveyed area, 78% is irrigated and 22% rainfed. 427 hectares (98% irrigated and 2% rainfed) arable land was cultivated in 1997. A total of 494 hectares (60% irrigated and 40% rainfed) arable land was abandoned.
- Reasons for abandonment of agricultural land according to gathered data were, 1) lack of farm power (73%); 2) flood damage to land (66%); 3) shortage of irrigation water (18%); and 4) damaged water canals (7%)
- Of the total cultivated land in the surveyed area, 78% was single cropped and 22% double cropped. Double crop cultivation is practiced in 14 villages of warmer areas.
- A total of 41 hectares land in 63 surveyed villages was under orchards. A total of 17 fruit nurseries (on 0.8 hectare land) were reported in 9 surveyed villages.
- The main crops in the surveyed area are irrigated wheat, maize, potatoes and onion which are grown in the 79, 76, 66 and 37 surveyed villages, in that order. The average yield of irrigated wheat was 2,065; maize 2,310; potatoes 11,690; and onions 10,605 kgs/hectare. Walnuts were grown in 67 and apricots in 59 surveyed villages. Yield per medium sized tree was reported 56 and 91 kgs, respectively.
- Walnuts, pinenuts, potatoes, onions, and fire- and construction wood are the main products for market supply in the surveyed area. Animals such as goats and sheep are also raised for marketing. None of the surveyed villages reported surplus cereals or pulses for sale.
- 138 oxen, 8 tractors and 6 threshers were available in the whole survey area.
- Farmers planted improved wheat seed, namely Attay-85, HD 2285, Inqelab-91, Pir Sabak 85, and Pamir-94 in 65% of surveyed villages. The average seeding rate was 175 kgs/hectare. Cultivation of improved maize seed was not reported in any part of the survey area.
- The main chemical fertilizer used in 95% of surveyed villages was DAP, nitrophas and urea. The use of agrochemicals was not reported in any part of the survey area.

Illicit Crop Production

- Of 83 surveyed villages, hashish (cannabis) is grown in 20 villages (24% of surveyed villages). Total acreage under hashish in 1997 was reported to be 65 hectares (15% of cultivated land). An average of 80 kgs/hectare was produced. The total number

of hashish addicts was reported to be 8 people in the whole survey area. According to the enumerators, arable land was mainly cultivated with hashish in 23 abandoned villages, but no information was available about acreage and yield. The crop was harvested before being surveyed.

- An illicit crop newly introduced to the area (grown for the first time in autumn 1997) was poppy. It was grown only in 4 villages on a total of 6 hectares of land. No yield data was available and no addicts were reported in the survey area.
- The main cited reasons for growing illicit crops were: more income (23 replies), less work (8 replies), less expenses (6 replies), low water requirement (4 replies), land owner still refugee (1 reply) and small land ownership (1 reply).

Livestock and Poultry

- A total of 1,275 heads of cattle, 13,775 sheep and goats and 3 camels were reported in the whole survey area.
- There were an average of 10 chickens/family in the survey area, out of which 4% were of improved breed. The survey showed that each family in the survey area was ready to buy and raise an average of 10 improved breed of chicken, if available.

Irrigation

- In 75 surveyed villages, 87% of land was irrigated by canal/stream and the majority (70 villages) reported abnormal canal/stream flow. In 21 villages, 13% of the land was irrigated by springs.
- Irrigation systems in 72% of surveyed villages had adequate water, while in 28% of surveyed villages there was not enough water to meet requirements. The amount of water in such villages was enough for 62% of needs.
- Irrigation water shortage period in the surveyed area was reported to be from June to November, depending on the location of the surveyed villages. The main reasons for irrigation water shortage was cited to be reduction of water flow (17 replies), penetration in the stream bed (10 replies), and lack of reservoir (4 replies).

Income Generation

- A total of 17 families in 7 surveyed villages were involved in beekeeping. Other income generating activities such as fishing and silkworm raising were not reported in any part of the survey area. People in the survey area were keen to learn skills, e.g. carpet weaving, embroidery, etc. particularly during winter time when there is not much to do.

Land Mines

- The existence of mines in or around 17% of surveyed villages was reported. During the past 3 years, 11 people were killed and 9 disabled by landmines in the surveyed area. Total number of animals killed by mines was reported to be 108. Based on the number of replies, the main location of mine fields are forests near the villages (8 replies) and pastures (3 replies). Mines in houses were reported by only two villages in the whole survey area.

Market and Market Prices

- A total of 28 shops were reported in the whole survey area. The newly established main bazaar with 12 shops is located in Kuza Qala/Baber near the district center. For market prices see Appendix P.

BASELINE SURVEY OF AZRA DISTRICT

LOGAR PROVINCE

NOVEMBER - DECEMBER 1997

Prepared For:

**United Nations Office for Project Services
Afghanistan Rural Rehabilitation Programme
UNOPS/ARRP**

Prepared BY:

**Agency Coordinating Body for Afghan Relief
ACBAR Survey Unit**

January 1998

SURVEY RESULTS AT A GLANCE

A. General:

<u>Total villages</u>	<u>Surveyed villages</u>	<u>Abandoned villages</u>		
106	83	23		
<u>No. of families</u>	<u>Average people/household</u>			
774	9			
<u>No. of houses</u>	<u>Undamaged houses</u>	<u>Damaged houses</u>	<u>Destroyed houses</u>	
2866	390	629	1847	

B. Repatriation:

<u>Returned families</u>	<u>Refugee</u>	<u>Displaced</u>
772	3301	999

C. Agriculture:

<u>Arable land hectare</u>	<u>Irrigated hectare</u>	<u>Rainfed hectare</u>
921	714	207
<u>Cultivated land hectare</u>	<u>Irrigated hectare</u>	<u>Rainfed hectare</u>
427	417	10
<u>Abandoned land hectare</u>	<u>Irrigated hectare</u>	<u>Rainfed hectare</u>
494	297	197
<u>Opium poppy hectare</u>	<u>Hashish hectare</u>	
6	65	

D. Irrigation:

Percentage of irrigation sources used			
<u>Canal/stream</u>	<u>Spring</u>	<u>Karez</u>	<u>Wells</u>
87	13	0	0

Refugee	IDP	Shelter	Education	Health	Illicit Crops	Mines	Incomes
High	High	Poor	Poor	Poor	Low	Low	Poor

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- Appendix D Drinking Water Sources
- Appendix E The Status of Access Road and Transportation Means
- Appendix F Abandoned Villages
- Appendix G Refugee situation
- Appendix H The Status of Agricultural Land
- Appendix I The Status of Orchards and Fruit Nurseries
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ABBREVIATIONS, WEIGHTS AND MEASURES

ACBAR	Agency Coordinating Body for Afghan Relief
Afs	Afghani
ARRP	Afghanistan Rural Rehabilitation Programme/UNOPS
ASU	ACBAR Survey Unit
AGTTP	Afghan German Technical Training Programme
BDA	Bakhtar Development Agency
GAF	German Afghanistan Foundation
FAO	Food and Agriculture Organization of the United Nations
HABITAT	United Nations Coordination for Human Settlement
ISRA	Islamic Relief Agency
J	Jerib
NGO	Non Governmental Organization
RDA	Reconstruction and Development Association
SCA	Swedish Committee for Afghanistan
UNHCR	United Nations High Commissioner for Refugees
UNOPS	United Nations Office for Project Services
WROR	Welfare and Relief Organization for Reconstruction

1 Seer = 7 kgs

1 Jerib = 0.2 ha

1 Seer/jerib = 35 kg/hectare

1 US\$ = Afs 23,000*

1 Pakistani Rupee = Afs 588*

(*) These rates are approximate and unstable.